Maritime Heritage Minnesota

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CLEAN WATER LAND & LEGACY AMENDMENT

Log Book 30 of the USS Essex

November 18, 1891 ~ May 25, 1892

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship



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USS *Essex* Log Book 30

Finding Aid

Adams class ship USS *Essex* (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS *Essex* could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS *Essex* log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the *Essex* as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the *Essex* that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and job), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the *Essex* in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the *Essex*, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The digitization and editing of the USS *Essex* log books were made possible with funding provided by the Minnesota Historical and Cultural Heritage Grant

program, part of the Arts and Cultural Heritage Fund of the Clean Water, Land and Legacy Amendment.

Log Book 30 of the USS *Essex*: November 18, 1891-May 25, 1892

The National Archives houses USS *Essex* Log Book 30. Throughout Log Book 30, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and *vice-versa*
- when under steam the different watches record the average steam boiler pressure and engine revolutions
- lowering of smokestack and proceeded under sail and *vice-versa* when the *Essex* was underway
- when anchored nearly every watch described the state of the anchor cables: crossed (‘cross in hawse, stbd chain on top’ or ‘Elbow in hawse’) and often will mention ‘clearing the hawse’ (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship’s boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship’s behavior (heavy rolling or pitching)
- crew conducting ship maintenance: boiler maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting - and sometimes tarring and caulking - the ship’s hull and infrastructure, steam/sail launch maintenance/repair, scraping and blacking boat davits, gun carriage/battery maintenance/repair
- crew conducting drills: target practice with the main battery (great guns), boat drills - all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, torpedo drills, abandon ship drills, Gatling gun drills, battalion drills, rifle drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey’s findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship’s departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew quarters inspection

- lists of new crew members - recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The *Essex* deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 30, in mid-November 1891, USS *Essex* was anchored in Montevideo, Uruguay, under Commander A. S. Snow. USS *Essex* was assigned to the US South Atlantic Station. On November 18, *Essex* exchanged visits with British gunboat HMS *Cleopatra* and Uruguayan gunboat *General Suarez*. The next day, *Essex* received a crewman transferred from sidewheel dispatch boat USS *Tallapoosa* and the crew engaged in boat drills and HMS *Cleopatra* went to sea. For the rest of November, courtesies were exchanged between *Essex* and English steel sloop HMS *Basilisk*, French cruiser *Sane'*, Spanish unprotected cruiser *Cristobal Colon*, Italian steel gunboat *Andrea Provana*, and gunboat HMS *Magpie*. Gunboat *Andrea Provana* left the harbor and HMS *Cleopatra* anchored in Montevideo. The ship's crew conducted fire quarters drills and they worked at blacking the ship, and one crewman was punished 'for singing out in the gangway at the top of his voice'.

During the first days of December 1891, the steel protected cruiser USS *Boston** anchored in the Bay of Montevideo and hoisted the 'senior officer present' pennant and exchanged signals with *Essex*. *Boston* fired a 21-gun salute that was returned by Fort el Cerro. *Boston* hoisted the quarantine flag after a visit by the Health Officer. On December 3, *Essex's* anchor dragged in a strong gale and the sheet anchor was dropped. It was observed that all ships in the harbor appeared to have dragged - to the point where two barques needed tugs to assist them in re-anchoring. The Engineer's Gang set the the ship's engine to turned over slowly to assist in maintaining her anchorage. However, that procedure had to be stopped because the drift lead line fouled the propellor and the seas were too rough to clear it. The next day, workmen cleared the propellor and replanted the starboard anchor. For the next few days, courtesies were exchanged between *Essex* and USS *Boston*, HMS *Cleopatra*, and HMS *Basilisk*, while *Andrea Provana* left drydock, and five apprentices and their papers and hammocks were transferred to frigate USRS *Minnesota*.** The crew worked at replacing the boat falls rigging with new ropes and USS *Boston* left the harbor.

On December 12, USS *Essex* up anchored and left for the River Plate (Rio de la Plata) and anchored 12 miles from the Chico Lightship. The next day, a westbound sidewheel steamer passed the ship before she entered the harbor at Colonia, Uruguay, and

anchored. Over the next few days, the crew fired two exercise torpedoes from the launch, and conducted rifle and Gatling gun practice; the US Consul visited *Essex*. On December 18, *Essex* left Colonia Harbor and anchored in the River Plate to conduct single sticks and artillery drills. She up anchored, received a pilot for Buenos Aires, exchanged signals with USS *Tallapoosa*, and docked with the local pilot at the conn. Over the next two days, *Essex* exchanged visits the Italian steel gunboat *Sebastiano Veniero*. On December 21, the crew dressed the ship and 'manned the yards' twice when Argentine President Carlos Pellegrini passed through the docks after the opening of Dock #3. Toward the end of December, Argentine dispatch boat *La Argentina* left Buenos Aires and *Essex* took on crewman and stores transferred from USS *Tallapoosa*.

For the first two weeks of January 1892, the USS *Essex* crew conducted drills and ship maintenance. The men were formed into a battalion and sections were exercised in new tactics and new drills. Also, more stores and equipment were transferred from USS *Tallapoosa* to *Essex* and stowed on board. Italian steamer *Matteo Bruzzi* left Buenos Aires drawing 21-feet of water and Italian corvette Sebastiano Veniero also went to sea. Gunboat USS *Yantic* entered the harbor and moored ahead of *Tallapoosa*, while steel sloop HMS *Beagle* moored ahead of *Yantic*. On January 15, *Essex* half-masted colors on account of the death of the Prince Albert Victor, the Duke of Clarence, the grandson of Queen Victoria. Five days later, the crew dressed the ship with the British flag at the main, following the motions of HMS *Beagle,* for the funeral of the Duke of Clarence. *Essex* received the transfer of three crewmen from USS *Tallapoosa* and two apprentice crewmen destined for USRS *Minnesota*.** *Essex* also took on board stores from *Tallapoosa* that included provisions bound for transfer to the steel protected cruisers USS *Chicago* and USS *Atlanta,* and steel gunboat USS *Bennington*.* Commander Snow then unmoored the ship and stood out into the river in charge of a pilot and on January 21, *Essex* anchored in the River Plate.

The same day, *Essex* up anchored and entered the Bay of Montevideo and exchanged signals with USS *Chicago*. An *Essex* officer called on the French cruiser *Sane'* and the visit was reciprocated. Commander Snow paid a visit to the Flagship of the Squadron of the Evolution, USS *Chicago*. Over the next few days, courtesies are exchanged with the British gunboat HMS *Magpie* and USS *Atlanta*, *Essex* sent stores to *Atlanta*, and HMS *Cleopatra* and HMS *Basilisk* left the harbor; HMS *Magpie* left drydock. On January 25, *Essex* sent two cutters to participate - with other squadron ship's boats - in the parade to celebrate the removal of port duties. The boats sent from *Atlanta* and *Chicago*, upon returning from the parade under tow, fouled a merchantman and had to return to Montevideo's inner harbor for refuge. During the last days of January, HMS *Beagle* left Montevideo headed to Maldonado and the Commanding Officers of USS *Chicago* and USS *Bennington* visited *Essex*. General quarters drills by Divisions were timed then a tug collided with the ship; she carried away the rudder of the 1st cutter and split the woodwork of the port gangway ladder. The monthly inspection of the gun battery was performed and on January 30, signals were exchanged signals with Flagship USS *Chicago*. The Flagship later signaled 'Give no more liberty to men until further orders' given by Rear Admiral John G. Walker. The next day, *Essex* put together a visiting party and they boarded USS *Atlanta*.

On February 1, *Essex* shifted her anchorage and spent the first part of the month in Montevideo. Two American schooners, the three-masted schooner *Johanna Swan* and a four-masted schooner anchored in the harbor and river. Courtesies were exchanged with French cruiser *Sane'* and the British South American squadron anchored; HMS *Cleopatra* fired a national salute with the Uruguayan flag at the fore. Visits were exchanged with HMS *Cleopatra*, HMS *Beagle*, HMS *Magpie*, HMS *Basilisk*, and Spanish school ship *Nautilus*. Ship's maintenance included loading boiler room ashes onto a lighter and sent ashore, and a crew repaired a steam launch pump and puttied worn places in the deck seams. The steel protected cruiser USS *Philadelphia,* flying Rear Admiral Bancroft Gherardi's Flag, anchored in the Bay of Montevideo. USS *Chicago* hauled down a blue Admiral's flag and hoisted a red one. Steel gunboat USS *Concord* anchored and visits were exchanged between *Essex* and Gherardi, USS *Philadelphia*, and USS *Concord*. USS *Atlanta* and USS *Bennington* left the harbor, and the US Minister to Montevideo visited *Philadelphia*; a 13 gun salute was fired in his honor. An *Essex* officer boarded the collier *Earnwell* of the Earn Line Steamship Company of New Castle, PA, as she anchored in the inner harbor. Two days later, inquiries were made to the *Earnwell* about unloading delays; the problem was caused by the lack of a lighter. Essex paraded her Marine Guard for the US Minister of Buenos Aires who was passing by in a tug.

On February 15, two *Essex* crewmen were transferred to USS *Philadelphia*. Rear Admiral Walker came aboard and transferred his flag from USS *Chicago* to *Essex*; *Chicago* left for Maldinado, Uruguay. Commander Snow ordered the sheet anchor to be dropped due to strong breezes. Two days later, French transport La *Vire* anchored and fired a salute that was returned by USS Philadelphia; *Essex* exchanged pleasantries with *La Vire*. A band of *Essex* officers visit coal steamers *Earnwell* and *Roxburgh*. Argentine torpedo boat *Murotore* entered the harbor and went upriver. *Essex* exchanged visits with Uruguayan gunboat *General Rivera*, French transport *La Vire*. Flagship USS *Philadelphia* and USS *Concord* left harbor bound for Barbados. *Essex* half-masted her colors following the motions of a Uruguayan Senior Officer and a ship's officer went to the foreign men-of-war to request they dress their ships for George Washington's birthday. *Essex* dressed for the commemoration, exchanged visits with HMS *Magpie*, and HMS *Beagle* anchored. The next day, French transport *La Vire* left Montevideo and Commander Snow sent his officers to thank the foreign men-of-war for dressing their ships to commemorate Washington. Also, an *Essex* officer boarded collier *Roxburgh* to note the progress in discharging her coal. On February 25, a large fire was reported on shore in the evening and the next day, the French Messageries Maritimes steamer *Portugal* anchored.

Essex got underway out of Montevideo headed for Maldonado in order to deliver Rear Admiral Walker to USS *Chicago*; USS *Atlanta* and *Bennington* were also at anchor. Read Admiral Walker left *Essex* and hoisted his flag on USS *Chicago*. On February 28, during the Midnight to 4 am watch, *Essex* Fireman P. Newman, died of heart failure. An undertaker arrived from shore with a coffin for Newman. Visiting parties were sent to USS *Chicago* and USS *Bennington*, and exchanged signals with the flagship. The next day, USS *Chicago*, USS *Atlanta*, and USS *Bennington* left Maldonado Harbor. *Essex*

held a funeral service on board for Fireman Newman under the auspices of the Roman Catholic Church, and sent the body ashore at Isla Gorriti for internment. Military honors were rendered as per regulation. The crew rigged the steam launch for torpedo practice and expended two practice torpedoes and one secondary spar.

In early March 1892, after the *Essex* crew practiced with small arms on shore in Divisions and then conducted general quarters and abandon ship drills. On March 4, the ship left Maldonado Harbor and anchored near Flores Island. Gunnery practice with small arms and great guns took place the next day, and then *Essex* headed for Montevideo Harbor. Visits were exchanged with HMS *Magpie* and USS *Atlanta*; crewmen were swapped with *Atlanta* as well. Fireman Newman's personal effects were sold at a ship's auction, two crewmen were sent ashore to the British Hospital, and USS *Chicago*, USS *Atlanta*, and USS *Bennington* left Montevideo. On March 9, *Essex* left Montevideo for the sounding ground in order to run east to west lines of sounding while USS *Yantic* engaged in running north to south lines; *Essex* anchored in the evening. The soundings survey continued the next day and Essex signaled Yantic via wigwag paddles - *Essex* asked *Yantic* if they had found any shoals and *Yantic* replied 'no' - and she continued running east to west sounding lines. She finished the survey and stood into Montevideo and anchored. The *Essex* exchanged visits with Spanish unprotected cruiser *Cristobal Colon* and school ship *Nautilus*.

On March 12, *Essex* got underway after the Engineering Gang repaired the cylinder water valve after it blew out and scalded Assistant Engineer Koester. She crossed the River Plate and anchored at the entrance to Ensenada the next day. She set the quarantine flag and signaled the Flagship, then up anchored and stood into the Ensenada docks in charge of a pilot. On March 14, the *Essex* crew dressed the ship with Italian colors at the main and two days later, they 'manned the yards' for the President Carlos Pellegrini of Argentina as he boarded USS Chicago and again when he disembarked. The warships in the port fired salutes and the Argentine men-of-war fired the national salute with the US flag at the fore; this salute was returned by *Chicago*. On March 20, a crowd of Argentine visitors were on board the ship and the next day, Commander Snow paid an official visit to the Argentine squadron lying at entrance of the harbor. On March 23, *Essex* half-masted her colors for 20 minutes for the funeral of an enlisted man from the USS *Bennington*. Three days later, *Essex* left Ensenada and anchored outside the Bay of Montevideo until fog cleared away. *Essex* found the Squadron of Evolution anchored outside the harbor as well; *Essex* stood into Montevideo and moored the ship. A few days later, USS *Yantic* shifted to the inner harbor.

USS *Essex* spent the entire month of April 1892 at Montevideo, Uruguay. For the first 17 days of the month, *Essex* exchanged pleasantries with HMS *Magpie*, HMS *Cleopatra*, and the Spanish school ship *Nautilus*. Several ships left the port including Argentine tug *Argentina*, USS *Atlanta*, USS *Bennington* and *Nautilus*. *Essex* exchanged signals with the Flagship and she provided a coal report. On Aril 18, *Essex* transferred 400 pounds of tobacco to USS *Chicago* and Rear Admiral Walker paid an official visit to HMS *Cleopatra* and USS *Yantic*. An *Essex* officer paid a visit to HMS *Beagle* and HMS

Basilisk; the officer then reported to the Flagship. Ships left Montevideo including *Cristobal Colon* (she returned eight days later), HMS *Basilisk*, HMS *Beagle*, and HMS *Magpie*, while the *Essex* crew conducted ship's maintenance and painted the poop deck. Pacific Steam Navigation Company mail steamer *Liguira* anchored and on April 27, USS *Bennington* anchored, eight *Essex* crewmen were transferred to USS *Chicago* and the next day she left Montevideo.

During the first 10 days of May, *Essex* crewmen exercised at furling and loosing sail, they broke out and re-stowed the hold, and dropped an extra anchor during periods of heavy wind. *Essex* swapped crewmen with USS *Atlanta* and she left the Bay of Montevideo, as did USS *Yantic*, and tug *Argentina* went upriver. Argentine protected cruiser *Veinticinco de Mayo* (*25 de Mayo*) anchored in the outer harbor; she raised the Uruguayan flag at the fore and fired a national salute. Commander Snow visited Argentine protected cruiser *Patagonia* and Spanish unprotected cruiser *Cristobal Colon* and USS *Bennington* shifted her anchorage.On May 10, the *Essex* crew took down the topgallant mast and dropped the sheet anchor during a storm and raised steam as a precautionary measure. The next night, the crew observed a partial eclipse of the moon. On May 12, the ship shifted birth and the next day, *Essex* dressed in rainbow colors and flew the Brazilian ensign at the main, imitating a Brazilian gunboat. HMS *Basilisk* returned to Montevideo and anchored.

On May 16, Commander A. S. Snow mustered the crew and read the orders that detached him from USS *Essex*; he announced that his relief was Commander W.W. Mead. For the next few days, Commander Mead paid visits to HMS Cleopatra, HMS Magpie, HMS Basilisk, USS *Bennington*, *Patagonia*, and protected cruiser HMS *Sirius*; the visits were reciprocated. On May 23, HMS *Magpie* left the harbor and HMS *Cleopatra* requested that *Essex* dress in rainbow colors for Queen Victoria's birthday. The next day, *Essex* was in rainbow colors with English flag at the main and at noon, HMS *Cleopatra*, HMS *Sirius*, and USS *Bennington* fired national salutes. On May 25, the crew dressed the ship with the Uruguayan and Argentine Ensigns at the main; Argentine ship *Patagonia* also dressed and fired a national salute. Commander Mead visited HMS *Sirius* and salutes were fired at noon.

*USS *Boston*, USS *Atlanta*, USS *Bennington*, USS *Chicago*, USS *Concord*, USS *Dolphin*, and USS *Yorktown* comprised the 'Squadron of Evolution' or the 'White Squadron', with USS *Chicago* acting as the Flagship under Rear Admiral John W. Walker.
**USRS *Minnesota* was a receiving ship at the Brooklyn Navy Yard at this time; it is unknown how the crewmen were transported to New York.

Tags:
American Ships: steel protected cruiser USS *Atlanta,* steel gunboat USS *Bennington*, steel protected cruiser USS *Boston*, steel protected cruiser USS *Chicago*, steel gunboat USS *Concord*, collier *Earnwell*, sloop-of-war USS *Essex*, schooner *Johanna Swan*, frigate US Receiving Ship *Minnesota*, steel protected cruiser USS *Philadelphia*, collier *Roxburgh*, sidewheel dispatch boat USS *Tallapoosa*, gunboat USS *Yantic*

Argentine Ships: tug *Argentina*, torpedo boat *Murotore*, dispatch boat *La Argentina*, protected cruiser *Patagonia*, protected cruiser *Veinticinco de Mayo* (*25 de Mayo*)

British Ships: steel sloop HMS *Basilisk*, steel sloop HMS *Beagle*, gunboat HMS *Cleopatra*, mail steamer *Liguira,* gunboat HMS *Magpie,* protected cruiser HMS *Sirius*

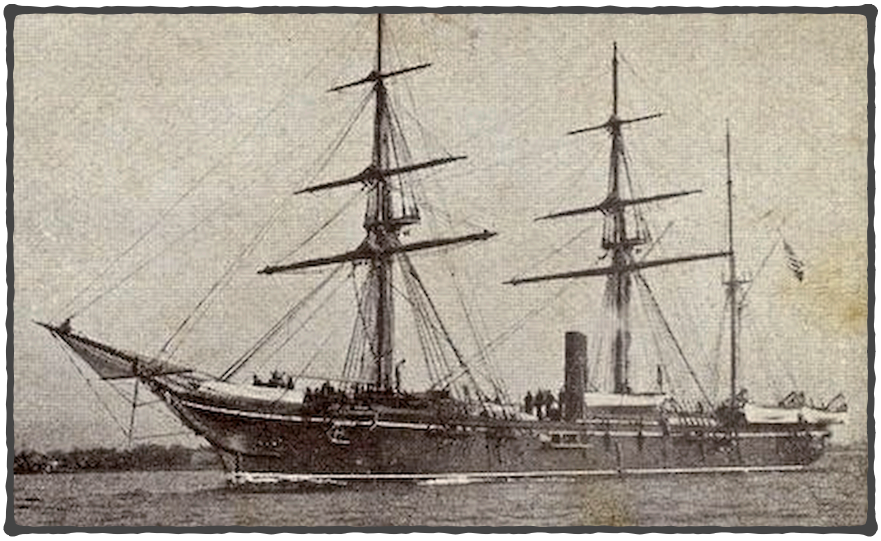
French Ships: transport *La Vire*, steamer *Portugal*, cruiser *Sane'*

Italian Ships: steel gunboat *Andrea Provana*, steamer *Matteo Bruzzi*, steel gunboat *Sebastiano Veniero*

Spanish Ships: unprotected cruiser *Cristobal Colon*, school ship *Nautilus*

Uruguayan Ships: gunboat *General Suarez*, gunboat *General Rivera*



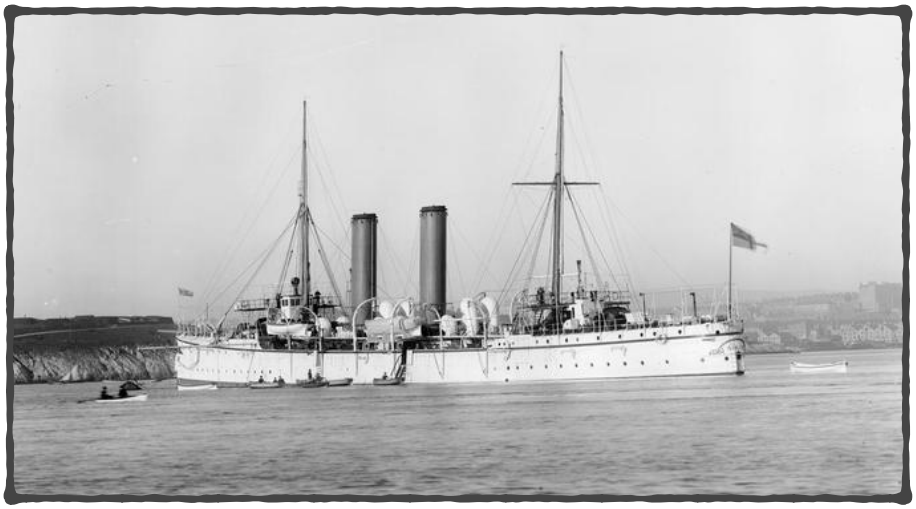


USS *Yantic*



Nautilus

HMS *Sirius*



LOG BOOK

OF THE

U. S. S. Essex

3rd RATE

OF Six GUNS,

COMMANDED BY

A. Snow, Commander, U. S. Navy,

Attached to South Atlantic Squadron,

Commencing November 18th, 1891,

at Montevideo, Uruguay,

and ending Wednesday, May 25th, 1892,

at Montevideo, Uruguay.

BUREAU OF NAVIGATION,

NAVY DEPARTMENT.

1886.

LIST OF OFFICERS

Attached to and on board of the U. S. S. Essex 3rd Rate, commanded by
A. S. Snow, Commander (to May 16th 1892, W. W. Mead, Commander U.S.N.), U. S. N., during the period covered by this Log-Book,
from November 18th, 1891, to May 25th, 1892.

NAME.	RANK.	NAME.	RANK.
A. S. Snow.	Commander U.S.N.	H. S. Ross,	Chief Engineer U.S.N.
J. T. Blocker,	Lieutenant U.S.N.	W. H. Barry.	Paymaster U.S.N.
C. S. Curtis,	Lieutenant U.S.N.	C. Diehl,	Passed Ass't Surg. U.S.N.
G. F. W. Holman	Lieutenant U.S.N.	H. O. Haines,	1st Lieutenant U.S.M.C.
F. A. Wilner.	Lieutenant U.S.N.	C. N. Koester,	Passed Ass't Engineer U.S.N.
J. J. Newton.	Lieutenant U.S.N.	W. H. Dean.	Pay Clerk U.S.N.
W. R. M. Field,	Ensign U.S.N.		
C. N. Stone.	Ensign U.S.N.		
W. O. Hulme	Ensign U.S.N.		
W. W. Mead.	Commander U.S.N.		

Examined and found to be correct.

H. K. Lemly
Lieut. Navigator.

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U. S. S *Essex*, *3rd. Rate.*

commanded by *H. S Snow Commander USN. to May 16th 1892* / *W. W. Mead, Commander USN from May 16th 1892*, U. S. N., during the period covered by this Log-Book, from *Wednesday, November 18th*, 1892, to *Wednesday, May 25th*, 1892.

NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.
H. S Snow	*Commander*	*Detached May 16th 1892.*
W. W. Mead	*Commander*	*Reported for Command, May 16th 1892.*

Examined and found to be correct.

L. K. Lunt
Lieut. *Navigator.*

COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board of the U. S. S Essex, 3rd. Rate, at first commissioning April 22nd 1890. At Navy Yard, New York.

NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
1.	Chief Boatswain's Mate,	1
2.	Boatswain's Mate,	2
	Seamen Gunners,	
1	Chief Gunner's Mate,	1
	Gunner's Mates,	
1	Chief Quartermaster,	1
3.	Quartermasters,	3
6	Coxswains,	6
2	Captains of Forecastle,	2
4	Captains of Tops,	4
2	Captains of Afterguard,	2
3	Quarter-Gunners,	3
1	Carpenter's Mates,	1
1	Sailmaker's Mates,	1
1	Armorer,	1
1	Captains of Hold,	1
1	Ship's Cook,	1
1	Ship's Corporals,	1
1	Lamp-lighter,	1
2.	Carpenters and Calkers,	2
1.	Baymen,	1
1.	Master-at-Arms,	1
1.	Apothecary,	1
1.	Ship's Yeoman,	1
1.	Paymaster's Yeoman,	1
1.	Engineer's Yeoman,	1
	Schoolmaster,	
1	Ship's Writer,	1
	Ship's Tailor,	
1.	Ship's Barber,	1
1.	Painter,	1
1.	Bugler,	1
1.	Jack of the Dust,	1
1.	Blacksmith,	1

Marine Guard.

1.	Orderly Sergeant.	1.
1	Sergeant.	1
2	Corporals	2.
2.	Musicians.	2.
20	Privates.	20

NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
1.	Cabin Steward,	1
1.	Cabin Cook,	1
1.	Ward-room Steward,	1
1.	Ward-room Cook,	1
1.	Steerage Stewards,	1
1.	Steerage Cooks,	1
X	Warrant Officer's Steward,	
X	Warrant Officer's Cook,	
12.	Seamen,	13.
12.	Ordinary Seamen,	10.
14.	Landsmen,	15.
X	Boys,	
20.	Apprentices,	19.
3	Machinists,	3.
1.	Boiler Makers,	1.
3.	Water Tenders,	3.
3.	Oilers,	3.
1.	First-class Firemen,	1.
6.	Second-class Firemen,	6.
12	Coal Heavers,	12
165	TOTAL,	164

ADDITIONAL FOR FLAGSHIP.

Master of the Band,	
Chief Musician,	
First-class Musicians,	
Second-class Musicians,	
Printer,	
Steward to Commander-in-chief,	
Cook to	do.
Coxswain to	do.
Seamen to	do.
Ordinary Seamen to	do.
Landsmen to	do.

Examined and found to be correct.

Lt. K. Lewis
Navigator.

U. S. S Essex 3rd Rate.

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	W. J. Green.	3298	Cabin.	May 18th.	Standard. Navy Yard. New York.	—,02.
ANEROID BAROMETER.	Nolostevic		Cabin.			
THERMOMETER, (Dry Bulb.)	Standard Standard Ther. Comp. Peabody Mass.		Cabin.			
THERMOMETER, (Wet Bulb.) (Psychrometer.)	W. J. Green	5403	On cabin bulkhead under breakd. of poop deck.			

Examined and found to be correct.

L. K. Lunsford
Lieutenant U.S.N. Navigator.

ARMAMENT

Of the U. S. S Essex. 3rd Rate.

PRIMARY.

NO. OF GUNS.	CAL.	MARK.	DESCRIPTION.	CARTRIDGE.		PROJECTILES.		CARRIAGES.	REMARKS.
				POWDER.	WEIGHT.	KIND.	WEIGHT.		
1.	8 in M.L.R.	M.L.R. 1877. S.S.K.	Inverted.	Dupont Sphero Under 2.	32# 30½ to 30.	Shell Canister	180 2/56 168.6.	Pivot.	
1.	60 Pr B.L.R.	B.L.R. 1864 R.S.K.	Inverted.	Schaghtic con Rifle	5	Shot Shell	55. 48	D.D. Bar.	
4	IX in.	S.P. 1864 S.M.B.	S.B.	Dupont Cannon.	10 and 13.	Shot Shell Shrapnel Grape.	90. 73.5 75. 74.1	Broadside.	

SECONDARY.

1.	3 in B.L.R.	M.L.W. 1878 S.S.K.	Steel.	Dupont Cannon.	¾	Shell Shrapnel	7 7	Boat & Field.	
1.	12 Pr Light	M.L.W. 1870 F.M.B.	Bronze.	Dupont Cannon.	1.25	Shell Shrapnel Canister	12. 12. 7.75	Boat & Field.	
1.	Gatling	Colts. 1880.	.45 Calibre Short.	70 grs.		405 grs.		Boat & Field.	
1.	Gatling	Colts 1874	.45 Calibre Long.						Received from U.S.S. Tallapoosa
1.	3 in B.L.R.	M.L.W. 1880 S.S.K.	Steel.	Dupont Cannon.	¾	Shell Shrapnel	7 7	Boat & Field.	Received from U.S.S. Tallapoosa

BOAT ARMAMENT.

Secondary Battery.

SMALL ARMS.

75. Rifles Hotchkiss, No 2. Model; 2 Rifles Cal. 22; 65 Revolvers Colts D.A. Calibre 38;
10 " " " Received from U.S.S. Tallapoosa December 30. 1891.
70. Cutlasses ; 22 Battle Axes.

Examined and found to be correct.

C. K. Lewis
Lieutenant U.S.N.
Navigator.

TABLES of Deviation of the Standard Compass No. 69 on board the U. S. S Essex, Flag Ship.

DATE: Feb 22nd 1891
PLACE OF OBSERVATION: Mouth Rio de la Plata
LATITUDE: S. 35° 01'
LONGITUDE: W. 56° 10'
OBSERVED VARIATION: 60-35

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
NORTH.	E. 0° , 07'					
N. by E.	0 , 41					
N. N. E.	1 , 15					
N. E. by N.	1 , 20					
N. E.	1 , 25					
N. E. by E.	1 , 30					
E. N. E.	1 , 36					
E. by N.	1 , 42					
EAST.	1 , 15					
E. by S.	1 , 04					
E. S. E.	0 , 53					
S. E. by E.	0 , 30					
S. E.	0 , 04					
S. E. by S.	W. 0 , 13					
S. S. E.	W. 0 , 30					
S. by E.	0 , 35					
SOUTH.	0 , 41					
S. by W.	0 , 04					
S. S. W.	E. 0 , 33					
S. W. by S.	0 , 37					
S. W.	0 , 41					
S. W. by W.	0 , 32					
W. S. W.	0 , 23					
W. by S.	0 , 14					
WEST.	W. 0 , 30					
W. by N.	0 , 48					
W. N. W.	1 , 07					
N. W. by W.	1 , 32					
N. W.	1 , 57					
N. W. by N.	1 , 19					
N. N. W.	0 , 40					
N. by W.	0 , 17					

Examined and found to be correct.

G. K. Lewis
Lieutenant. U.S.N. and Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North	1			30-03	69	68	66		b.c.l.	cumm.	2	
2				North.	"	1			30-02	74	69	66		"	"	2	
3				N.N.W.	N.N.W.	2			30-02	74	68	64		"	"	2	
4				"	"	3			30-02	73	69	65		"	"	1	
5				N.W. by N.	"	2			30-02	73	69	65		"	"	2	
6				N.N.W	North	2			30-04	72	69	66		b.c.	cir. strat cumm.	2	
7				"	N.N.W	1			30-05	73	70	68		"	"		
8				South	"	1			30-06	73	70	68		"	"		
9				S.S.E.	S.W.	1			30-06	73	73	69		"	"		
10				"	"	2			30-06	72	73	70		b.	none		
11				"	"	1			30-06	73	73	70		b.c.	cir cumm		
Noon.				"	"	1			30-05	74	74	71					

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 420 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1214 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 1141 " 11149 "

P. M.										
1	W	W by S	2	30.08	74	74	70	b.c.	circum	7
2	W by N	W by N	3	30.04	75	74	68	"	"	7
3	W.N.W.	"	3	30.03	76	75	69	"	"	6
4	N.W.	"	3	30.03	76	75	70	"	"	6
5	"	"	3	30.02	78	76	71	"	"	6
6	"	"	2	30.02	77	76	71	"	"	6
7	W.N.W.	"	2	30.02	78	74	70	"	"	8
8	"	"	1	30.02	78	74	69	b.c.l.	"	9
9	S.W.	N.E.	1	30.02	78	74	70	"	"	9
10	"	Calm	0	30.02	78	74	71	b.	none	10
11	S.E.	S.E.	2	30.02	76	74	71	"	"	10
Mid.	"	"	2	30.02	77	72	69	"	"	10

under the command of Commander A. S. Snow., U. S. Navy,

Wednesday November 18th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy. Light airs to gentle breezes from North and N.N.W. Lightning to S'd and E'd.

O'Malone
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant, barometer steady. Light airs from N. and N.N.W. Uruguayan gunboat came in. Received on board — 111¼ lbs. fresh beef. 111¼ lbs., vegetables, 89 lbs Bread.

J. Newton
Lieut U.S.N.

8 A.M. to Meridian.

Clear and warm. Light airs to light breeze from S.W. At 9.30, — mustered at quarters and exercised battalion. Comdg officer, made official visit to H.M.S. Cleopatra, which was returned by Comdg. officer of that ship. Officer of Uruguayan gunboat Gral. Suarez, returned boarding call made in Colonia. By order of Comdg. Officer the following punishments were awarded J. Rozen (App) undershirt not uniform, 12 hrs Extra Duty: A. Puratzky (App) Not reading message, 24 hrs Extra Duty: (2) Out of uniform after word had been passed, 12 hrs Extra Duty: (3) Not being at Station, 12 hrs Extra Duty: J. J. Falvey (C.T.), and W. A. Pugh (S'd) Upsetting lamp, on Berth Deck, 1 night Anchor watch: Weitler (App) Using abusive language to the Ships Yeoman, 18 hrs Extra Duty:

Jos Pingree (Ld's), was rated to Coal Heaver, from date and Edward Herberty, was shipped as landsman for cruise. Scraped bright wood-work, Cleaning and painting ship.

W. O'Malone
Ensign,
U.S.N.

Meridian to 4 P.M.

Fair. Light and gentle breezes from W by S and West. Continued scraping and painting ship. Went to quarters at 1.00, and turned in scrubbed bags.

O'Malone
Ensign U.S.N.

4 P.M. to 8 P.M.

Clear and fine, gentle breeze from W'st.

W. Cy Mason Jr'd.
Ensign, U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Lightning to S'd.

Calm to light breezes from S.E.

O'Malone
Ensign U.S.N.

Examined and found to be correct.

Ls. K. Lewis
Lieut, Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

At Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E	SE by E	3			30.01	75	69	65		b cu	cir cum	9	
2				"	"	3			30.01	75	68	64		"	"	9	
3				"	East	2			30.00	74	67	64		"	"	9	
4				NE by E	"	2			30.01	73	68	64		"	"	9	
5				SSE	"	3			30.02	72	68	64		bc	cir	9	
6				SE	"	3			30.03	71	69	65		b cm	"	9	
7				North	"	3			30.05	73	69	63		bc	"	9	
8				NbyE	ENE	3			30.06	74	70	65		"	"	9	
9				"	"	2			30.05	74	73	70		"	"	9	
10				SE	ESE	2			30.05	74	74	70		"	"	9	
11				"	"	2			30.05	74	74	72		"	"	9	
Noon.				"	"	3			30.04	74	74	71		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 417 gallons.

Water Distilled during the preceding 24 hours, 390 "

Water remaining on hand fit for use at Noon, 1187 "

Coal consumed during the preceding 24 hours, tons 875 lbs.

Coal remaining on hand at Noon, 141 " 274 "

P. M.																	
1				ESE	ESE	3			30.03	75	74	71		bc	cum	9	
2				East	"	3			30.02	76	74	72		"	"	8	
3				ESE	"	3			30.00	76	75	72		"	"	8	
4				NbyW	"	3			29.98	77	76	72		"	"	8	
5				NW	"	2			29.98	77	76	72		"	"	10	
6				NNE	ENE	3			29.97	77	76	72		bc	"	4	
7				"	"	2			29.96	79	76	72		bcl	"	2	
8				EbyS	ESE	2			29.96	79	76	72		"	rimb	2	
9				North	"	1			29.99	82	76	73		bcl	"	3	
10				West	WNW	1			30.00	80	76	72		ocl	"	0	
11				SbyE	SSE	1			30.03	80	77	72		"	"	0	
Mid.				South	SSW	1-6			30.08	79	75	71		ocplt	"	0	

under the command of Commander A. S. Snow, U. S. Navy,
Thursday, November 19th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & till 4 AM.
Clear, bright - moon & star light - Gentle to light breeze from S & by E to East.

Lieut - U. S. N.

4 to 8 AM
Clear & fine, gentle breeze from East - Recd from U. S. S. Tallapoosa 1 Beggared (Mach.) with transfer papers.

W. Rg Rogers Jaild.
Ensign U. S. N.

8 AM to Merid
Clear and pleasant - Light breezes from E by E and ESE. At 9.30 mustered at quarters & at 9.40 called away all boats armed and equipped time as follows: 1st Launch 2m 10s, 2d Launch 8m 30s, 1st Cutter 3m 20sec, 2d Cutter 3m 05sec, Whale Boat 2m 40sec, Gig 3m. Released Pfff. R. Sherlock from confinement by order of Comdg. Officer H. M. S. Cleopatra left harbor and stood out of river.

D. McStone
Ensign U. S. N.

Merid to 4 PM.
Clear warm & pleasant - Gentle breeze from ESE. Enlisted James George Kerwin as Landsman for the crews of the Essex - Distilling.

Lieut - U. S. N.

4 to 8 PM.
Cloudy - Lightning to SE. Light - and gentle breezes from E by E and ESE. Distilling.

D. McStone
Ensign U. S. N.

8 PM to Mid.
Cloudy with almost constant lightning to SE & SW and SE & E. Thunder showers at end of watch. Very light airs from ESE to NW W & SSE. Fresh squall from S & SW last quarter hour. Distilling.

Lieut - U. S. N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,
At Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE	NNW	2			30.07	79	73	69		oc p ll-	nimb	0.	
2				East-	NW	1			30.07	75	73	70		"	"	0	
3				NNE	North-	3			29.97	74	71	68		ocl	"	0	
4				"	"	3			29.97	73	71	67		"	cum nimb	0	
5				North-	"	3			29.98	72	70	65		bc	"	2	
6				"	"	3			30.01	74	71	66		"	"	1	
7				NbyW	"	3			30.01	74	72	67		bcm	"	1	
8				NNW	"	3			30.02	74	73	68		"	"	1	
9				"	NNW	3			30.02	76	75	70		bc	"	1	
10				"	"	3			30.04	78	78	72		"	"	2	
11				NW	NNW	3			30.05	78	79	72		"	"	3	
Noon.				South-	WSW	3			30.05	76	77	74		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water Distilled during the preceding 24 hours, 1191 "

Water remaining on hand fit for use at Noon, 1968 "

Coal consumed during the preceding 24 hours, 1 tons 1295 lbs.

Coal remaining on hand at Noon, 139 " 1219 "

P. M.										
1	SE	SE	2	30.06	77	76	72	bc	cum nimb	1
2	"	ESE	3	30.06	77	75	72	oc	"	0
3	ESE	"	3	30.05	77	75	72	bc	"	4
4	East-	East-	3	30.08	76	75	71	"	"	1
5	EbyN	ENE	3	30.08	76	74	70	"	cir cum strs	1
6	"	"	3	30.03	75	73	70	oc	"	0
7	NE	"	3	30.03	76	73	70	"	"	0
8	NNE	"	3	30.03	78	73	70	bc	"	2
9	North-	NE	4	30.04	78	74	71	"	cir cum nimb	4
10	NNE	NNE	4	30.05	78	73	70	"	"	6
11	EbyN	"	4	30.01	76	72	69	"	"	6
Mid.	NE	"	4	30.04	76	71	68	"	"	6

under the command of Commander A. S. Snow, U. S. Navy,

Friday, November 20th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and till 4 am.

Overcast: Breze varying in force from light airs to gentle breze and in direction from SW first half hour to Northwest and North; settling in North latter part: Thunder and lightning with rain first half. Distant lightning latter part: Distilling.

Jas. H. Holman
Lieut. U. S. N.

4 to 8 am.

Cloudy. Gentle breze from North: Executed morning orders. Recd to Pay Dept 115¼ lbs fresh beef & vegetables qtrs 91 lbs bread. William Carmichael (Mach) reported on board for duty on this ship.

C. Nelson
Ensign U. S. N.

8 am to Mid.

Generally cloudy but pleasant: Gentle breze from NW to WSW. At 9.30 sound to general quarters: 1st div ready in 2m 10s 2nd in 2m 15sec. 3rd in 1m 35sec: Hat in 1m 50sec, Powder in 2m 50sec, Engr in 1m 10sec. Pay 0m 45sec; Surgeon 1m 50sec; & Marine guard 1m 29sec. Loosed sail to dry. Distilling. Transported shot anchor to starboard bill board.

Jas. H. Holman
Lieut. U. S. N.

Mid to 4 pm.

Cloudy. Light to gentle breze from SE to East. Distilling. Sent a liberty party ashore. At 3 furled sail. The Commanding Officer paid an official visit to the Basilisk.

Jas. H. Holman
Lieut. U. S. N.

4 to 8 pm.

Cloudy but pleasant: Gentle breze from E to E by S. Sound bottom of high pressure valve chest of steam cutter broken. Hoisted cutter for repairs: Distilling.

Jas. H. Holman
Lieut. U. S. N.

8 pm to Mid.

Clearing. Moderate breze from NE & NNE. Distilling.

Jas. H. Holman
Lieut. U. S. N.

Examined and found to be correct.

G. K. Hunter
Lieut. - Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

At Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE	NE	3			30.04	73	71	68		bc	cir str	3	
2				"	"	2			30.05	72	71	68		"	"	3	
3				"	E by E	2			30.05	72	70	68		"	"	3	
4				"	NE	1			30.06	72	70	68		"	"	3	
5				ESE	"	3			30.10	71	70	67		"	"	2	
6				SE	"	3			30.10	71	70	67		"	"	2	
7				East	"	3			30.10	72	71	66		bc m	"	1	
8				NE by E	"	3			30.10	72	71	66		"	"	4	
9				East	"	3			30.09	74	73	70		"	"	3	
10				"	"	3			30.08	75	74	71		"	"	3	
11				SE	East	3			30.08	76	75	71		"	"	4	
Noon.				ESE	"	3			30.09	76	75	71		"	"	4	
														"			

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 447 gallons.

Water Distillers during the preceding 24 hours, 1375 "

Water remaining on hand fit for use at Noon, 2896 "

Coal consumed during the preceding 24 hours, 1 tons 440 lbs.

Coal remaining on hand at Noon, 138 " 779 "

P. M.														
1			SE	ESE	3	30.08	76	74	72	bc m	cir cum str	3		
2			"	"	3	30.08	77	75	72	"	"	3		
3			East	"	3	30.08	77	77	74	"	"	4		
4			E by S	E by S	3	30.07	77	77	74	"	"	3		
5			"	"	3	30.06	77	77	74	"	"	5		
6			E by N	E by N	3	30.06	77	76	73	"	"	4		
7			NNE	ENE	2	30.06	78	75	72	"	"	3		
8			"	NE	3	30.07	79	74	72	"	"	3		
9			"	"	4	30.09	79	72	70	"	"	4		
10			"	"	4	30.09	78	70	69	"	"	8		
11			NE	"	3	30.09	77	70	68	"	"	3		
Mid.			"	"	3	30.08	76	70	68	"	"	2		

under the command of Commander A. S. Snow, U. S. Navy,
Saturday, November 21st, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and till 4 AM
Fair & fine, gentle breze to light airs from NE and ENE.
W. R. Rann 2d Asst.
Ensign U. S. N.

4 to 8 AM.
Cloudy, pleasant weather. Gentle breze from NE.
Distilling.
Ensign
Visit. U. S. N.

8 AM to Mrid.
Fair. Hazy. Gentle breze from NE to East. Large ring around the sun. At 9 stopped distilling and hauled fires. Aired bedding.
Asst Surg & P.A. Surgeon
Visit. U. S. N.

Mrid to 4 PM.
Fair & pleasant, gentle breze from E by S and ESE. Sent liberty party ashore. Just after noon, a very remarkable ring formed around the sun. Its colors were bright & well defined.
W. R. Rann 2d Asst.
Ensign U. S. N.

4 to 8 PM.
Fair. Hazy. Light to gentle breze from E by S to NE.
Asst Surg & P.A. Surgeon
Visit. U. S. N.

8 PM to Mid.
Fair & pleasant, gentle to moderate breze from NE.
W. R. Rann 2d Asst.
Ensign U. S. N.

Examined and found to be correct.

G. K. Smith
Lieut. - Navigator.

LOG of the UNITED STATES Steamer "Essex", 3rd Rate,

At Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by N	N E	3			30.07	73	71	69		be	cir cum nimb	3	
2				E S E	N N E	3			30.05	72	71	69		oc	nimb	0	
3				E S E	N N E	3			30.04	72	71	69		"	"	0	
4				E by S	North	3			30.04	71	71	69		ocr	"	1	
5				East	"	2			30.04	71	71	69		ocp	"	0	
6				"	"	2			30.04	71	71	69		"	"	0	
7				"	"	2			30.04	71	71	69		"	"	0	
8				E by N	"	2			30.04	72	71	69		"	"	0	
9				North	"	1			30.06	71	71	69		"	"	0	
10				South	N E.	1			30.06	74	74	71		be	cir cum str.	4	
11				"	S E.	2			30.06	74	74	72		"	"	4	
Noon.				"	"	2			30.05	74	74	72		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 348 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2448 "

Coal consumed during the preceding 24 hours, tons 4 93 lbs.

Coal remaining on hand at Noon, 138 " 284 "

P. M.										
1		S E.	S S E.	3	30-05	75	74	72	bcmr	Circum Nim	4
2		"	"	2	30-04	76	74	72	"	"	2
3		"	"	2	30-04	76	74	71	"	"	2
4		"	"	2	30.04	76	74	71	"	Circum	4
5		E by S	E S E.	2	30-02	76	74	71	"	"	4
6		E by N	"	2	30 02	75	73	71	"	"	3
7		S E by E	East	2	30-02	76	72	70	"	"	2
8		N E.	E S E.	2	30 03	75	72	70	"	"	2
9		E by N.	"	3	30 03	76	72	70	"	"	2
10		N E.	"	2	30-04	74	72	70	"	"	2
11		"	"	3	30-04	75	70	68	"	"	2
Mid.		East	East	2	30-04	75	70	68	"	"	2

under the command of Commander A. S. Snow, U. S. Navy,
Sunday, November 22nd, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and till 4 a.m.
Cloudy or overcast; barometer falling gentle breeze from NE and NNE.

J. T. Newton
Lieut. U. S. N.

4 to 8 a.m.
Overcast with light passing showers. Light breeze from North. The French man-of-war Sane sighted at anchor in her outer harbor at early daylight. Shifted her berth further in. Rec'd for use of crew 113¾ lbs each fresh beef and vegetables and 91 lbs soft bread.

Lyon H. Holway
Lieut. U. S. N.

8 Am to Meridian
Fair and pleasant light airs from N.E., hauling to light breeze from S.E. Sent an officer to board the French Corvette Sane. Mustered and inspected at quarters and Condg Officer inspected ship and crew. The call to the Sane was returned.

W. Ray Mason Jr.
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy - barometer steady - gentle to slight breeze from S.S.E. The Commanding Officer adjudged the following punishment: H. Rozen (Sapp 2 cl) Neglecting duty while on watch in Sick Bay - 5 mid-watches on quarter deck. (on two feet)

4 to 8 P.M.

J. T. Newton
Lieut U.S.N.

Fair and pleasant, light breeze from E.S.E. and E. The Condg Officer of the Sane called officialy.

W. Ray Mason Jr.
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. E.	East	3			30.03	74	71	69		bcm	cirrus	4	
2				"	"	3			30.03	73	71	69		ocm	"	0	
3				"	"	3			31.03	71	70	69		"	"	0	
4				"	"	3			30.02	71	69	68		"	"	0	
5				S.E by E.	"	4			30.04	71	69	68		oc.	"	0	
6				"	"	4.5			30.04	70	69	68		ocq.	nim	0	
7				E.S.E.	"	4.5			30.06	70	68	67		ocqm	"	0	
8				"	"	4.5			30.08	71	68	67		"	"	0	
9				"	"	3			30.08	72	69	68		ocm	"	0	
10				S. E by E	"	3			30.08	72	70	68		"	"	0	
11				S.E.	"	4			30.08	73	70	68		"	"	0	
Noon.				E.S.E.	E.S.E.	4			30.08	73	70	68		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 398 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2050 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 137 " 2124 "

P. M.														
1			E.S.E.	E.S.E.	4		30.05	72	69	68	bcm	nim	2	
2			"	"	4		30.07	73	69	67	"	"	3	
3			"	"	4		30.05	72	70	67	"	cir cumst	5	
4			"	East	4		30.05	73	70	67	"	"	4	
5			East	"	4		30.03	73	69	67	ocm	"	0	
6			"	"	4		30.03	71	68	66	bcm	"	2	
7			"	"	4		30.04	76	68	66	ocm	"	0	
8			"	"	4		30.07	78	68	66	"	"	0	
9			"	"	4		30.10	77	68	66	"	"	0	
10			E.N.E.	"	4		30.10	76	68	66	bclm	cir cum	8	
11			East	"	4		30.11	75	67	65	bcl	nim	6	
Mid.			S.E.	"	4		30.11	74	68	66	"	"	6	

under the command of A. S. Snow Commander, U. S. Navy,

November 23rd, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Gentle breeze from the East.

W. O. Hulme
Ensign, U.S.N.

4 A.M., to 8 A.M.
Overcast and cloudy, threatening weather - Moderate to stiff breeze from East. Rec'd 113 3/4 lbs. fresh beef, 113 3/4 lbs. vegetables, 71 lbs soft bread.

W. R. Mason Jr.
Ensign U.S.N.

8 AM to Meridian.
Overcast - barometer steady - gentle to moderate breeze from East - At 9.30 had quarters and drilled the divisions - Rec'd, in the Pay Dept. £495 7s 7d/470, Sterling. Exercised Coxswains & Quartermasters at signals. H.B.M.S. Cleopatra came in.

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Cloudy, Moderate E.S.E. breeze. Repairing the quarter deck awning.

W. O. Hulme
Ensign U.S.N.

4 P.M. to 8 P.M.
Cloudy or overcast - occasional drizzle - barometer steady - moderate breeze from E. Sent down light yards at 5.30.

J. T. Newton
Lieut. U.S.N.

8 P.M., to Midnight.
Overcast first hour, clearing last part. Lightning and misty. Moderate breeze from the East.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air. Dry Bulb.	TEMPERATURE. Air. Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East	East	4			30-10	73	66	65		bcm	nim	6	
2				ESE.	"	4			30-10	73	66	64		"	"	3	
3				"	"	4			30-11	72	66	64		"	"	5	
4				"	"	3-4			30-10	72	65	64		"	"	2	
5				ESE.	"	3-5			30-11	72	65	64		bc		1	
6				"	"	3-4			30-11	69	65	64		"		1	
7				"	"	3-5			30-10	69	66	64		bcm	cumnim	4	
8				"	"	3-5			30-10	70	66	64		"	"	2	
9				ESE.	"	3-5			30-11	70	68	65		"	"	4	
10				"	"	3-5			30-10	71	69	65		"	"	4	
11				"	"	3-5			30-10	72	68	65		"	"	8	
Noon.				"	"	3-5			30-10	72	70	66		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 472 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1578 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 137 " 774 "

P. M.										
1	E by S.	East	4-5	30-14	73	70	67	bcpm	circum	8
2	E.S.E.	"	4-5	30-14	73	70	67	"	"	8
3	"	"	4-5	30-13	73	69	67	"	"	8
4	"	"	4-5	30-13	73	69	67	"	"	8
5	"	"	4-5	31-12	73	68	64	"	"	8
6	"	"	4	30-12	71	67	66	bcm	"	9
7	"	"	3-4	30-13	73	67	65	"	"	9
8	"	"	3	30-13	76	66	65	"	"	9
9	"	"	3	30-17	77	66	63	"	"	9
10	"	"	3	30-17	76	65	63	b	none	10
11	"	"	3	30-17	75	65	63	"	"	10
Mid.	"	"	3	30-17	74	65	63	"	"	10

under the command of A. Snow, Commander, U. S. Navy,
November 24th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy and misty. Gentle and moderate breezes from East. 1st Dozen, stood extra watch by order of the Commanding Officer.

E. McStone
Ensign, U.S.N.

4 A.M. to 8 A.M.
Cloudy - barometer steady; gentle to fresh breeze from East - Colon and ~~Sebastiano Venier~~ Andrea Provana came in and anchored.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Fair - Gentle to fresh breeze from the East. At 9.30 mustered at quarters; then went to fire quarters at 9.37.05"; 1st, stream 1 min, 25 sec; 2nd, stream, 1 min, 36 sec; 3rd, stream 1 min, 45 sec, and 4th stream in 2 min, 15 sec. Inspected bags. Recd. on board in Equip. & Engineers' Departments, Stores as follows, 5 lbs Beeswax, 10 lbs Lampwick, 100 lbs, Waste, 110 lbs, plate Iron (3/16 in), 6, 1 x 12" Guage Glasses, 1 Steam-chest cover (for Steam Launch). Ensign Stone U.S.N. made boarding visits to Italian and Spanish men o' war. Officer from Italian returned visit.

W.O. Hulme
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Moderate to fresh breezes from East. An officer from the Spanish gunboat "Colon" returned call.

E. McStone
Ensign. U.S.N.

4 P.M. to 8 P.M.
Clear. Moderate to gentle breze in squalls from the East. At 6.30, sent down T.G. and Royal yards. Hoisted steam launch.

W.O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breezes from East.

E. McStone
Ensign. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NE.	East	3			30-17	74	66	64		be	nimb. cum.	6	
2				"	"	3			30-17	73	65	64		"	"	6	
3				East.	"	3			30-17	73	65	63		"	"	5	
4				E by S.	NE.	3			30-18	73	65	63		"	"	6	
5				East	E by E.	3			30-19	71	64	62		be cum	cir cum	7	
6				E by S.	"	3			30-19	67	65	63		"	"	8	
7				E N E.	"	4			30-19	68	66	64		"	"	7	
8				"	"	4			30-18	69	67	64		"	"	7	
9				"	"	3			30-17	70	68	65		"	"	6	
10				"	East	3			30-17	71	70	66		"	"	8	
11				E S E.	E S E.	3			30-17	73	70	67		"	"	8	
Noon.				East.	East	3			30-17	73	70	67		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 490 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1088 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 137 " 374 "

P. M.														
1			East.	East.	4				30-17	77	70	67	bcm. cum.	9
2			E by S.	"	4				30-17	77	71	66	" "	9
3			"	"	4				30-14	74	70	65	" "	9
4			"	"	4				30-12	74	70	65	" "	9
5			E S E.	"	4				31-12	74	70	65	" cir cum	8
6			"	"	4				31-12	74	69	64	" "	8
7			"	"	4				31-12	74	68	64	" "	8
8			E by S.	E N E.	4				30-12	76	68	64	" "	8
9			East.	East.	3				31-12	76	67	63	" "	9
10			"	"	3				30-12	76	66	62	" "	9
11			N E.	N E.	2				30-12	76	64	61	" "	9
Mid.			"	"	2				30-12	75	63	61	" "	9

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday November 25th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Gentle breeze from East to N.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 A.M. to 8 A.M.
Clear. Gentle to moderate E.N.E. breeze. Executed morning orders. Hoisted out steam Launch. Recd. for use of crew 113¾ lbs each of fresh beef and vegetables, and 91 lbs bread. At 7.30, prof. I.G. Garde Italian gunboat Andrea Provana left the harbor.

W. O. Stuhlman
Ensign U.S.N.

8 A.M. to Meridian.
Fair and pleasant. Gentle breezes from E.N.E., East and E.S.E. At 9.30, mustered at quarters and exercised divisions as per routine. The Comdg. officer of the Spanish gunboat "Colon" called officially.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Hazy and pleasant. Moderate breeze from East.
The Andrea Provana returned to her anchorage in the harbor.

Geo. F. W. Holman
Lieut. U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant. Misty. Moderate breezes from East and E.N.E.

C. M. Stone
Ensign U.S.N.

8 to Midnight.
Clear and pleasant. Moderate to light breeze from E.N.E. to N.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.E.	3			30-13	72	62	60		b	nine.	10	
2				"	"	2			30-13	71	62	60		"	"	10	
3				"	"	2			30-12	70	62	61		"	"	10	
4				"	"	2			30-11	70	62	60		"	"	10	
5				E.N.E.	"	2			30-11	70	62	60		bcm	cum.	1	
6				N.E.	"	2			30-11	66	63	61		"	"	9	
7				"	"	2			30-12	68	65	63		"	"	9	
8				N.E by N.	N.N.E.	2			30-13	68	67	64		"	cir cum	7	
9				N.N.E.	"	2			30-14	69	69	65		bc.	"	6	
10				N. by W.	"	2			30-14	71	71	66		"	"	7	
11				E by S	E.S.E.	3			30-13	69	69	67		"	"	7	
Noon.				E.	S.E.	3			30-13	69	69	67		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 528 gallons.

Water Distilled during the preceding 24 hours, 480 "

Water remaining on hand fit for use at Noon, 10440 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 136 " 694 "

P. M.																
1			E.S.E.	E.S.E.	4			30-12	71	69	66		bc.	cirqum	7	
2			"	"	4			30-10	71	69	66		"	"	8	
3			East.	East.	4			30-08	71	69	66		"	"	9	
4			"	"	4			30-08	71	70	67		"	"	8	
5			E by S.	"	4			30-07	71	70	64		bc	"	8	
6			"	"	4			30-06	70	69	64		"	"	2	
7			"	"	3			30-06	78	69	64		"	"	1	
8			E by N.	E.N.E	2			30-07	78	70	65		cirqus	"	0	
9			"	N.E.	3			30-09	78	71	66		bc	"	6	
10			N.E by N.	"	4			30-11	77	68	62		"	Mist and Fog	4	
11			N.E.	N.N.E.	4			30-11	75	66	62		"	"	6	
Mid.			"	"	4			30-11	75	65	61		"	"	6	

under the command of A. S. Snow Commander, U. S. Navy,
Thursday November 26 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear, bright starlight, Moon rose about 2.15. Heavy dew. Gentle to light breze from N.E. Started fires for distilling ~~at~~ ~~distiller~~ at 3.45
~~Officer~~
Lieut U.S.N.

4 A.M. to 8 A.M.
Mostly clear and pleasant. Light breezes from N.E. ½ S. & N.E. Executed morning orders.
~~Officer~~
Ensign U.S.N.

8 A.M. to Meridian
Clear and pleasant. Light breezes from N.N.E. shifting to E.S.E. at ten and three and backing to S.E. Engaged in stacking ship outside. Distilling. The Comdg. Officer paid an official visit to the Saine.
Engr. F.W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Hazy along horizon. Moderate sea breeze from E.S.E. to East. Comdg Officer paid an official visit to Spanish gunboat "Colon". Sent a boarding officer to visit the American ship "Daisy" 62 days, from New York. Distilling.
~~Officer~~
Lieut U.S.N.

4 P.M. to 8 P.M.
Hazy and pleasant. Moderate to gentle breeze from East. Distilling.
Engr. F.W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear, bright starlight. Gentle to moderate breze from N.E. to N.N.E. Distilling.
~~Officer~~
Lieut, U.S.N.

Examined and found to be correct.

W.K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NNE.	NNE.	4			30-10	73	64	61		hc.	cir cum	5	
2				"	"	3			30-10	73	64	61		"	"	2	
3				North.	North.	3			30-09	73	63	60		"	"	5	
4				"	"	2			30-08	72	63	60		"	"	6	
5				"	"	3			30-10	71	63	60		"	cir cum str	2	
6				"	"	3			30-10	66	64	61		"	"	5	
7				NNE.	"	4			30-10	67	64	61		hcm	cum. nim.	6	
8				NbyE.	"	4			30-10	68	66	62		"	"	2	
9				North	"	3			30-10	69	68	64		"	"	4	
10				"	"	2			30-10	70	70	65		"	"	4	
11				West.	WbyW	2			30-10	71	71	66		"	cir cum	5	
Noon.				WbyW.	"	1			30-09	71	71	66		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 420 gallons.

Water Distilled during the preceding 24 hours, 1260 "

Water remaining on hand fit for use at Noon, 1880 "

Coal consumed during the preceding 24 hours, 1 tons 1390 lbs.

Coal remaining on hand at Noon, 134 " 1544 "

P. M.												
1		SW.	SW.	2	30-09	71	71	66	hc	cir cum		8
2		"	"	2	30-08	71	72	66	"	"		8
3		SWbyW.	SbyW.	2	30-07	72	72	67	"	"		8
4		SSW.	SbyE.	2	30-06	72	73	68	"	"		8
5		South.	East.	2	30-05	70	72	68	"	"		8
6		SE.	"	2	30-04	74	72	67	"	"		8
7		NE.	ENE.	2	30-04	75	70	65	"	"		7
8		"	"	2	30-05	77	69	64	"	"		8
9		"	"	2	30-06	77	69	64	hcl.	"		9
10		"	"	2	30-06	76	69	64	"	"		9
11		"	"	2	30-06	75	69	64	"	"		9
Mid.		"	"	2	30-06	75	68	63	hc	"		6

under the command of A. S. Snow, Commander, U. S. Navy,

Friday, November 27th, , 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Fair and pleasant Moderate to light breeze from N.N.E. and N. Started Distilling.

W. Ray Mason Fullam
Ensign, U.S.N.

4 A.M. to 8 A.M.
Generally fair, Hazy. Gentle to moderate breeze from North. Received for use of crew, 113¾ lbs each, fresh beef and vegetables 26 9/16 lbs, soft bread.

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy pleasant weather. Gentle breeze to light airs from N. by W. S.W. At 9.30, went to General Quarters; First Div. ready, 2 min., 10 sec.; Second Div., 2 min., 05 sec.; Third Div., 1 min, 45 sec.; Navigators Div, 1 min., 50 sec.; Powder Div., 3 min, 28 sec.; Engineers Div., 1 min, 8 seconds; Pay Dept, 1 min 5 sec.; Surgeons Dept., 1 min, 15 sec.; Marine Guard, 1 min, 18 sec. The Commanding Officer, adjudged the following punishments; H. R. Brown (Sea App. 2cl) swearing out in the gangway at the top of his voice, 3 mid-watches on feet; W. H. Carman (Pm) Neglect of duty in not saluting an officer passing the ship, 8 hrs Extra Duty. Recd 10 Kilos, sheet Asbestos, 2 ns 4 grate bars for Steam Launch, - Engineers Department. Distilling. Tested magazine and shell room flood-cocks, and found them in good working order.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine. Light breeze from S.W. and S.S.W. Scraped Cutter rails and got them ready for varnishing. Painted white stripe outside. Distilling.

W. Ray Mason Fullam
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant. Light [illegible] from East and E.N.E. Sent down 8 gt yards. Distilling

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight
Clear and fair. Light breeze from E.N.E. Distilling.

W. Ray Mason Fullam
Ensign U.S.N.

Examined and found to be correct.

H. K. Hanscom
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.N.E.	2			30-05	72	67	63		bcl.	cir cum	4	
2				N by E	"	3			30-05	72	66	62		"	"	4	
3				North	"	3			30-04	71	65	61		"	"	6	
4				"	"	3			30-04	71	64	61		"	"	6	
5				"	North.	3			30-04	68	64	61		bc	cir cum st.	6	
6				"	"	3			30-04	67	64	61		l.com.	cir st.	8	
7				N by E.	"	3			30-04	70	65	62		"	"	8	
8				"	"	3			30-05	70	67	63		"	"	8	
9				N.N.W.	"	1			30-06	75	66	64		"	"	8	
10				N.W.	S.S.E.	1			30-06	76	72	68		"	"	8	
11				W.N.W.	"	2			30-06	71	71	68		"	"	7	
Noon.				"	"	2			30-06	70	71	67		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 394 gallons.

Water Distilled during the preceding 24 hours, 1486. "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, 1 tons 630 lbs.

Coal remaining on hand at Noon, 133 " 914 "

P. M.																	
1				S.S.W.	E.S.E.	2			30-03	71	72	68		bc	circum	8	
2				"	"	2			30-02	71	72	68		"	"	6	
3				S by W.	"	3			30-01	71	72	67		"	"	6	
4				"	"	3			30-00	72	72	67		"	"	6	
5				S.E by E.	"	3			29-99	71	72	67		"	cir cum st.	4	
6				"	East.	3			30-00	72	71	66		"	"	4	
7				E.S.E.	E.N.E.	3			30-00	74	71	64		"	"	2	
8				E by S	"	3			30-00	75	70	65		"	"	2	
9				S.E by E.	N.E.	2			30-00	76	71	67		o.c	"	0	
10				E by N	"	3			30-00	76	72	68		f.c	"	2	
11				N.E.	"	3			30-00	75	71	67		"	"	2	
Mid.				"	"	3			30-00	74	71	66		"	"	2	

under the command of A. S. Snow Commander, U. S. Navy,

Saturday November 28th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mountil 4 A.M.
Clear and pleasant - barometer steady - Gentle breze from N.N.E. At Regular Stood Extra watch from 12, to 4 A.M.

J. T. Newton
Lieut. U.S.N.

4 A.M. to 8 A.M.
Clear and pleasant. Misty along horizon. Gentle breze from North. U.S.S. Magpie came in and moored in inner harbor. Distilling. Received in Engineers Dept, 1 3/4 lbs, sheet (32 in) Rubber.

J. T. Newton
Lieut U.S.N.

Crossed light yards.
8 A.M. to Meridian.
Clear and fine, light airs from North, to light breze from S.S.E. - Aired bedding. Painter at work painting white stripe. An officer returned call from U.S.S. Magpie. Stopped Distilling and hauled fires.

W. R. Mason Field
Ensign, U.S.N.

Meridian to 4 P.M.
Bright and pleasant, barometer steady - Light to gentle breze from E.S.E.

J. T. Newton
Lieut. U.S.N.

4 P.M. to 8 P.M.
Fair and pleasant, gentle breze from E.S.E. to E.N.E.

W. R. Mason Field
Ensign U.S.N.

8 P.M. to Midnight
Cloudy and pleasant, barometer steady, Gentle breze from N.E.

J. T. Newton
Lieut U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E	North	3			29-98	74	70	66		o.c.l.	cir.cum	0	
2				North	"	3			29-97	73	70	66		"	"	0	
3				N.N.W.	N by W.	3			29.96	73	70	66		bc. l	"	2	
4				"	N.N.W.	3			29-96	73	69	65		"	"	2	
5				N.W.	N.W.	3			29.95	72	69	65		"	Circumkind	2	
6				W.N.W.	"	4			29-95	71	69	66		bc.	"	3	
7				S.W.	W.S.W.	3			29-99	70	70	67		"	"	3	
8				S by W	"	3			30-00	72	72	69		"	cir cum	6	
9				S by S	"	3			30-01	73	73	69		"	"	8	
10				"	"	3			30-01	74	72	68		"	"	8	
11				S W by W	"	3			30-02	74	72	68		"	"	8	
Noon.				"	"	2			30-03	75	73	69		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 270 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, "

Coal consumed during the preceding 24 hours, tons 1330 lbs.

Coal remaining on hand at Noon, 132 " 1804 "

P. M.												
1		S W by W	W.S.W.	2	30-04	76	75	70	bc.	cir.cum.	8	
2		W.S.W.	"	2	30-03	75	75	71	"	"	9	
3		"	"	1	30-03	76	76	70	"	"	9	
4		"	"	2	30-03	78	76	71	"	"	9	
5		S.S.W.	W.S.W.	2	30-03	77	77	71	"	cum.	9	
6		"	"	2	30-03	78	78	72	"	"	9	
7		"	"	2	30-03	79	76	70	"	"	9	
8		"	"	1	30-04	80	76	71	"	"	9	
9		S by E.	W.N.W.	1	30-04	80	76	71	bcw	"	9	
10		S E by S.	"	1	30-04	80	76	71	"	"	9	
11		E by N.	N.N.W.	2	30-04	78	74	70	"	"	9	
Mid.		E.N.E.	"	2	30-04	75	72	68	"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday, November 29th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Gentle breeze from the North to N.W. Lightning to S'd.
W. O. Halme
Ensign U.S.N.

4 A.M. to 8 A.M.
Fair and pleasant, gentle to moderate breeze from N.W. and W.S.W.
Received in Pay Dept. 113 3/4 lbs fresh beef, 113 3/4 lbs vegetables, 9 lbs soft bread.
W. Reynolds Fitch
Ensign U.S.N.

8 A.M. to Meridian
Bright and pleasant, barometer steady. Gentle to light breeze from W.S.W. At 10 quarters and inspection of ship and crew by Comdg. Officer. Comdg Officer of the Magpie visited the ship officially.
J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Clear. Light airs to light breeze from W.S.W.
W. O. Halme
Ensign, U.S.N.

4 to 8 P.M.
Bright and pleasant, barometer steady; light breeze from W.S.W.
J. T. Newton
Lieut, U.S.N.

8 P.M. to Midnight
Clear and fine, light airs to light breeze from N.W. to S.S.W.
W. Reynolds Fitch
Ensign, U.S.N.

Examined and found to be correct.

Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	North.	1			30-06	75	71	66		bcw.	circum	7	
2				"	"	2			30-06	76	69	65		"	"	8	
3				N.N.W.	N.N.W.	1			30-06	75	68	64		"	"	5	
4				"	"	1			30-07	75	68	65		"	"	6	
5				N.W.by N.	North.	2			30-07	74	68	64		bc.	"	6	
6				N.N.W.	"	2			30-07	71	68	64		"	"	7	
7				N.W.	"	3			30-07	72	70	65		"	"	8	
8				S.W.	N.N.W.	3			30-08	73	72	67		"	"	8	
9				S.S.W.	W.S.W.	2			30-10	75	75	69		"	"	6	
10				"	West.	2			30-12	75	75	69		"	"	6	
11				S.W.	"	2			30-12	76	76	70		"	"	2	
Noon.				"	W.S.W.	2			30-11	77	77	71		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 352 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2322 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 132 " ~~1704~~ "

P. M.												
1	W.S.W.	W.S.W.	2	30-10	78	77	72	bc.	circum	2
2	"	"	2	30-09	78	77	72	"	"	2
3	W by S	"	2	30-09	79	77	72	"	"	2
4	S.W.	"	2	30-08	79	78	73	"	"	2
5	"	"	2	30-08	79	78	72	"	cir nimb	2
6	S W by W	"	2	30-09	79	78	71	"	"	2
7	South	W.N.W.	1	30-09	80	78	72	"	"	5
8	"	West.	2	30-09	80	77	72	"	"	5
9	S.S.W.	"	2	30-09	80	77	74	bcl	"	6
10	S by W.	S.W.	2	30-10	82	77	73	"	"	6
11	S.E.	"	2	30-10	80	77	73	bc	"	7
Mid.	"	"	2	30-10	80	77	74	"	"	7

under the command of A. S. Snow Commander, U. S. Navy,

Monday November 30th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Partially Cloudy, pleasant weather. Light airs and breezes from North and N.N.W. A.B. Brown, stood Extra Anchor watch by order of Comdg. Officer.

E. W. Stone
Ensign U.S.N.

4 A.M. to 8 A.M.

Bright and pleasant — barometer steady — light to gentle breeze from N. and N.N.W. Recd. in Pay Dept., 113¾ lbs. fresh beef, — 118¾ lbs. fresh vegetables —, 9 lbs. sugar head. At 4.30 Basilisk and Cleopatra weighed and put to Sea.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy. Light breeze from W.S.W. to W. Mustered at quarters at 9.30, Exercised First and Boarder Divisions, Care and handling of Small Arms; Second and Third Divisions at single sticks. Commanding Officer awarded the following punishments, viz; — R. Post, (Appr.) Out of uniform, white undershirt 3 mid watches: — J. Flaherty (Boy) Out of uniform Sunday Inspection, 2 mid-watches; — G. V. Menier (Sea.) Out of uniform Sunday Inspection 2 mid watches. — F. Wilson, (Sea.), Disobedience of orders, while on watch in Sick Bay. 4 Mid Watches. Received in Engineer's Dept., ½ cord (short) fire wood.

W. O. Hulme
Ensign, U.S.N.

Meridian to 4 P.M.

Cloudy, Light breezes from W.S.W. H.M.S. Beagle, came into the harbor and anchored. Sent liberty party ashore.

E. W. Stone
Ensign U.S.N.

4 P.M. to 8 P.M.

Fair. Light breeze to light airs from W.S.W. to W.N.W. At 6 sent down F.G. and Royal yards and sent light Sails

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Fair. Lightning to S.E. and N.E. Light breezes from West and S.W.

E. W. Stone
Ensign U.S.N.

Examined and found to be correct.

Le. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by S	West	2			30.07	80	77	74		bc	cir cirro	8	
2				West	W.S.W.	2			30.07	80	76	72		"	"	2	
3				NW by W.		2			30.07	80	76	73		"	"	8	
4				NW by N.	S.W by W	1			30.07	80	75	72		"	"	2	
5					North	2			30.07	79	72	70		"	"	2	
6				NNW.	N.N.W	2			30.07	75	73	71		"	cirrostr	6	
7				NW.	W.N.W	1			30.07	77	75	73		"	"	7	
8				SSW.	West	3			30.07	77	76	73		"	"	8	
9				SW		3			30.07	77	77	74		"	"	7	
10						3			30.09	78	76	73		"	"	5	
11				E.N.E.	E.S.E	4			30.09	75	73	69		bcm	"	6	
Noon.				East	East	4			30.09	75	72	68			"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 322 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2000 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 132 " 1004 "

P. M.										
1	N. E.	East.	3	30.08	75	73	68	bc	cir cum	2
2	NNW	NE.	1	30.06	76	74	72	"	"	4
3	"	"	1	30.04	76	75	71	"	"	5
4	South.	ESE.	1	30.04	76	76	71	"	"	5
5	SE.		3	30.02	77	75	71	"	"	7
6	SSE.	"	3	30.01	77	74	69	"	"	7
7	SE.	East.	2	30-01	77	75	70	"	"	9
8	E by S.	"	2	30-01	80	74	70	"	"	9
9	SE.	"	1	30-01	81	75	71	"	"	9
10	"	ENE.	2	30-01	80	75	70	"	"	9
11	"	"	2	30-00	80	74	71	"	"	9
Mid.	"	NE.	2	29.98	80	74	70	"	"	9

under the command of A. S. Snow Commander, U. S. Navy,
Tuesday December 1st, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Light airs from West to W.S.W.
Geo. F. W. Holman
Lieut. U.S.N.

4 A.M. to 8 A.M.
Clear. Light airs to gentle breeze from the North to the West.
Executed morning orders; at 7.40 crossed light yards and bent sail.
W.O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Fair. Gentle and moderate breezes from West, shifting to E.S.E. and East, third hour. At 9.30 mustered at quarters. And exercised at fire quarters, Times as follows: 1st, stream 1 min. 10 sec: 2nd, 1 min 30 sec: 3rd, 1 min, 50 sec. Instructed divisions in small arms.
C. E. Vreeland
Ensign U.S.N.

Meridian to 4 P.M.
Clear and warm. Gentle breeze to light airs from East to E.S.E. Sent a liberty party ashore. The Commanding Officer paid an official visit to the Magpie.
Geo. F. W. Holman
Lieut. U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant. Light and gentle breezes from E.S.E. and East. At 5.45 sent down light yards and unbent light sails.
C. E. Vreeland
Ensign, U.S.N.

8 P.M. to Midnight
Clear and pleasant. Light breeze from East to N.E.
George F. W. Holman
Lieut, U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut; Navigator.

LOG of the UNITED STATES *Steamer Essex*, *3rd* Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North.	2			29-74	78	71	68		hcm	cu str	5	
2				North	"	3			29-90	78	70	68		"	"	2	
3				"	N.N.E.	4			29 88	78	70	68		ocl.	cumstr	0	
4				"	"	4			29-86	78	70	67		"	"	0	
5				"	North	4			29-84	78	70	67		ocl.m.	cumnim	0	
6				"	N.N.E.	4			29. 81	77	70	67		"	"	0	
7				"	E.N.E.	2			29-81	74	70	67		ocstp.	Nmb	0	
8				"	W.S.W.	1			29-87	72	70	68		o.c.r.	"	6	
9				N by E	North	2			29-87	72	70	68		"	"	0	
10				N.E.	N by W.	2			29-84	72	70	69		"	"	0	
11				N by E.	"	3			29. 83	72	71	69		"	"	0	
Noon.				"	North	3			29.80	73	70	68		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1632 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 131 " 1894 "

P. M.												
1	North	North.	3	29-72	73	71	69	ocr.	cumb	0		
2	N.N.W.	N.N.W.	3	29. 67	73	71	68	oc	"	0		
3	"	"	4	29. 64	74	72	69	"	"	0		
4	N.W by N.	NW by N.	5	29-61	74	72	68	hc	cumbrim	2.		
5	N.W.	"	4	29.60	74	73	67	hcg	"	4		
6	West.	NW.	4	29.60	73	73	68	"	"	5		
7	South	"	4	2960	75	72	68	hcglt	"	2		
8	E.S.E.	"	3	2959	76	75	69	ocglt	"	0		
9	S.S.W.	W.S.W.	5	29-62	78	73	69	hcld	circum	6		
10	S.W.	S.W.	6	29-65	79	72	69	hcpd	"	7		
11	"	S.S.W.	6	24-66	77	70	66	"	"	6		
Mid.	S.W by W.	S.W.	7	29-66	75	68	62	"	"	8		

under the command of A. S. Snow, Commander, U. S. Navy,

Wednesday December 2nd, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.

Cloudy. Misty along horizon. Occasional thunder and lightning last two hours. Light to moderate breeze from North and N.N.E. Barometer falling

~~T.A. Wilcox~~
Lieut., U.S.N.

4 A.M. to 8 A.M.

Overcast. Cloudy and raining last two hours. Light airs to gentle breezes from North, N.N.E, E.N.E., shifting W.S.W. last hour. Rec'd in the Pay Dept., 113 3/4 lbs fresh beef and vegetables and 91 lbs soft bread.

Lee Lowe
Ensign, U.S.N.

8 A.M. to Meridian.

Overcast. Raining until 11.45. Light to gentle breeze from W.S.W until 8.30, and after that from North and N by W. The following men were reported absent:- Wm Forest L.S., F. M. Rodrigues U.S.

Geo. Lee Colman
Lieut., U.S.N.

Meridian to 4 P.M.

Cloudy with drizzling rain first hour. Gentle to stiff breeze from North & NNW by N. Moderate harbor sea. Hoisted steam cutter.

~~T.A. Wilcox~~
Lieut., U.S.N.

4 P.M. to 8 P.M.

Cloudy. Gloomy to the Southward with lightning & distant thunder. Observed a water spout in the S.W. Moderate breeze from N.W by N, to S.W. At 4.45 sighted the Boston coming in, and at 5.20, exchanged numbers with her. At 6 made Signal Int 6140, answered 904. At 6.05, sent down topgallant masts. At 6.15 The Boston anchored in the offing bearing S.S.W, and hoisted the Senior Officers pennant. The Boston fired a salute of 21 guns, Uruguayan flag at the fore, & the salute was returned from the Cerro. After being boarded by the Health Officer, the Boston, hoisted the Quarantine Flag.

Geo. Lee Colman
Lieut., U.S.N.

8 P.M. to Midnight.

Cloudy first half hour with drizzling rain. Remainder of watch clear bright Starlight with occasional short periods cloudy. Fresh breeze from W.S.W. first part increasing to moderate gale at end of watch. Rough sea.

~~T.A. Wilcox~~
Lieut., U.S.N.

Examined and found to be correct.

Geo. K. Lemon
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	SW.	6			29-64	73	66	62		b.c.g.l.	cir.cum.nim.	7	
2				"	"	6-7			29-59	73	66	61		"	"	6	
3				"	SW by S.	6-8			29-59	73	66	60	2	"	"	5	
4				"	S.S.W.	7-9			29-63	73	62	60		o.c.r.l.	nim.	0	
5				Sby W.	"	6-8			29-68	70	65	61		o.c.l.fg.	"	0	
6				S.S.W.	"	6-8			29-72	68	63	60		b.c.g.p.	"	1	
7				Sby W.	"	6-9			29-77	68	63	59		"	"	1	
8				"	"	7-10			29-81	67	61	58		"	"	1	
9				South.	"	7-9			29-83	66	62	57		b.c.g.	cum.nim.	2	
10				"	South.	7-9			29-87	67	61	55		"	"	4	
11				"	"	7-9			29-90	67	61	55		"	"	4	
Noon.				"	"	7-9			29-94	66	61	55		b.c.g.p.	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 332 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1300 "

Coal consumed during the preceding 24 hours, 1 tons 1010 lbs.

Coal remaining on hand at Noon, 130 " 854 "

P. M.																	
1				South	South	6-8			29-99	67	61	56		b.c.g.p.	cir.cum.nim.	2	
2				"	"	6-8			29-99	67	61	55		"	"	2	
3				S by W	"	6-7			30-00	67	62	54		b.c.g.	"	3	
4				"	"	6-7			30-02	66	61	55		"	"	2	
5				South.	"	6-7			30-04	66	61	54		"	"	3	
6				S.S.E.	"	6-7			30-06	75	61	56		"	"	2	
7				South	"	6-7			30-09	72	60	54		"	"	1	
8				"	"	4-7			30-10	74	60	54		o.c.g.	"	1	
9				"	"	5-7			30-10	73	59	54		"	"	0	
10				"	"	4-7			30-11	74	59	54		"	"	0	
11				"	"	4-6			30-11	72	59	53		"	"	0	
Mid.				"	"	4-6			30-11	71	59	53		"	"	0	

under the command of A. S. Snow Commander, U. S. Navy,
Thursday December 3rd, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Fair then overcast. With heavy rain and wind, lightning. Very stiff breeze to strong gale from S.W. to S.S.W.
At 1.30 the ship dragged and the Shut Anchor was let go, to bring her up; veered to 15 fathoms.

W. Ry Mann Jr.
Ensign, U.S.N.

4 A.M. to 8 A.M.
Cloudy. Blowing a gale to moderate gale from S.S.W. with heavy passing showers and with thunder and lightning first hour. Rough harbor sea.
At 4.30 started fires under three boilers and got up steam ready for use. The ship dragged about two thirds of her length during the watch bringing the three anchors together ahead. Most of the shipping in the harbor was observed to have dragged during the night and two barques dragging during the morning watch, called tugs to their assistance.

Geo. Lull Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy but generally pleasant weather. Blowing a moderate gale from South with frequent heavy squalls. Bar. rising. Engines turning over slowly last hour.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Partly cloudy. Strong breeze to moderate gale from S. The Engines were turned over slowly during first part of the watch to relieve strain on the chain, but owing to the drift lead-line getting wound around the propeller, they had to be stopped. The sea was too rough to clear the lead line. Bar. rising slowly. Banked fires.

W. Ry Mann Jr.
Ensign U.S.N.

4 P.M. to 8 P.M.
Cloudy. Blowing a strong breeze to moderate gale first part, moderating latter part. Sea moderating. Bar. rising. Fires banked.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Generally overcast and squally. Moderate to very strong breeze from S. Barometer rising slowly. Banked fires.

W. Ry Mann Jr.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES *Steamer Essex*, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	South	3-5			30-11	70	59	53		o.c.g.	nim	0	
2				"	"	4			30-10	70	59	54		o.c.	"	0	
3				"	"	4			30-10	69	59	54		"	"	0	
4				"	"	4			30-10	69	59	54		"	"	0	
5				"	S.S.W.	4			30-09	69	59	54		"	"	0	
6				S. by E.	"	4			30-09	69	59	54		b.c.g.	"	1	
7				South.	"	4			30-10	65	59	54		o.c.g.	"	0	
8				"	"	4			30-11	71	59	54		"	"	0	
9				S.S.E.	South.	3			30-14	74	60	57		"	"	0	
10				"	"	3			30-14	69	61	56		"	"	0	
11				S.E. by S.	"	3			30-14	68	61	56		"	"	0	
Noon.				"	"	3			30-14	67	61	57		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ′ ″
- Longitude by D. R. ° ′ ″
- Latitude by observations of ⊙ ° ′ ″
- Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Position at 8 P. M.
- Latitude by ° ′ ″
- Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 960 "

Coal consumed during the preceding 24 hours, 1 tons 1010 lbs.

Coal remaining on hand at Noon, 128 " 21 14 "

P. M.											
1	S.E. by S.	South.	3	30-13	61	61	57	l.c.	or cum	2	
2	"	S.S.E.	3	30-13	68	61	57	"	"	2	
3	S.E.	"	3	30-13	68	61	56	"	"	4	
4	S.E. by S.	"	3	30-12	67	62	56	"	"	4	
5	"	"	3	30-12	67	61	55	"	"	4	
6	"	S.E. by S.	3	30-13	68	61	56	"	"	4	
7	E. by S.	E.S.E.	2	30-13	68	61	55	"	"	5	
8	E.S.E.	"	2	30-14	72	61	55	"	"	8	
9	"	East.	1	30-14	68	60	55	"	"	6	
10	S.E.	"	1	30-14	67	61	57	"	"	6	
11	E.S.E.	"	2	30-13	65	61	57	"	"	9	
Mid.	E.S.E.	N.E.	1	30-13	63	60	56	"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,
Friday December 4th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast — wind from S., clearing to Moderate breeze at end of watch.

J. T. Newton
Lieut., U.S.N.

4 A.M. to 8 A.M.
Cloudy and unsettled. Moderate breeze from S.S.W. with frequent light squalls. Moderate harbor sea. Hove up sheet anchor. Lowered Steam cutter. At 7.30 made Sig. 6.14, and sent up Egalt masts. Fires flanked. Received 113¾ lbs fresh meat, 113¾ lbs vegetables & 9 lbs bread, on Pay Dept., for issue to crew.

8 A.M. to Meridian.
Overcast with gentle breeze from S. Mustered and inspected at quarters. Hove up Starboard anchor and replanted it. Cleaned propellers. The following men were reported absent: P. Lozyer (carp.) D. Flaherty (carp.) E. Tyrrell (A.S.)

W. Roy Mason Field.
Ensign, U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant — gentle breeze from S. and S.S.E. Barometer steady — Put on mooring swivel — Hauled fires. Bearings from anchorage (mag) — El Cerro. W.N.W. ½ W. Pt Piedras, N. ½ W. — Cathedral E. ¼ N.

J. T. Newton
Lieut., U.S.N.

4 P.M. to 8 P.M.
Fair and cool; gentle to light breeze from S.S.E. to E.S.E.

W. Roy Mason Field.
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant; — barometer steady; — light airs from East.
Distilling.

J. T. Newton
Lieut., U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, , 2nd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East.	S.E.	2			30-13	64	59	55		Lwr	None	10	
2				N.E. by E.	"	1			30-13	63	57	55		"	"	10	
3				N. by E.	"	1			30-12	62	57	54		"	"	10	
4				"	North	2			30-12	62	56	53		"	"	10	
5				North	N.E.	2			30-14	62	56	54		fc.	cum	9	
6				N. by E.	"	2			30-15	63	57	55		fc m	cum	9	
7				"	"	2			30-16	62	59	56		"	"	10	
8				"	"	2			30-18	67	62	57		"	"	9	
9				N. by E.	"	2			30-18	66	64	59		"	"	9	
10				E. by E.	"	2			30-18	66	65	58		"	"	9	
11				E.N.E.	"	2			30-18	7	67	59		"	cir cum.	9	
Noon.				"	"	3			30-17	68	68	61		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 420 gallons.

Water Distilled during the preceding 24 hours, 1224 "

Water remaining on hand fit for use at Noon, 1764 "

Coal consumed during the preceding 24 hours, 1 tons 1105 lbs.

Coal remaining on hand at Noon, 127 " 1009 "

P. M.														
1		E. S.E.	East.	3			30-16	67	68	62		fc	cir. cum	8
2		East.	"	3			30-14	68	68	62		"	"	9
3		"	E.S.E.	4			30-12	70	68	62		"	"	9
4		"	"	3			30-11	72	68	63		"	"	9
5		E. by S.	East.	3			30-08	73	68	64		b	None	10
6		E.N.E.	E"N" E	3			30-07	73	68	64		"	"	10
7		"	"	3			30-07	74	67	63		"	"	10
8		"	"	3			30-06	75	67	63		"	"	10
9		S.E. by E.	S.E.	1			30-08	76	67	63		bcr	"	10
10		N.E.	"	2			30-09	76	67	62		"	"	10
11		E.N.E.	"	4			30-09	74	64	60		bcr	cir. cum.	9
Mid.		"	"	4			30-09	73	63	60		"	"	9

under the command of A. S. Snow Commander, U. S. Navy,
Saturday December 5th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs and breezes from N.E. & North.
C. E. Stone
Ensign U.S.N.

4 A.M. to 8 A.M.
Clear and fine; light breeze from N.N.E. The Italian Corvette Andrea Provana left the harbor.
W. Ry Rosen Jr. Asst.
Ensign, U.S.N.

8 A.M. to Meridian.
Bright and pleasant; — barometer steady; — light breeze from N.N.E. Fired bedding. Loosed sail. — Absent without leave, E. J. Flaherty (Ord.); Patr. Dwyer. (Boy.) E. Tyrrell O.S. returned on board 5 hours overtime. Board of Survey met to survey light yard ropes — boat falls and bunting. The Comdg Officer adjudged the following punishments, viz: J. Callan Ord. for putting on lift 2nds broke wrong — 8 hours extra duty. J. M. Cunningham Jr. Mr. 3rd Class from liberty 2nd class 1 month; M. Rodrigues (Ord.) 2 hr. overtime, 2nd Class, 2 weeks; C. Griffith R.S.P.M. Not scrubbing clothes bag — 6 hrs extra duty; And for Carelessness, Losing Keys = 2nd Class 1 month. E. J. Tyrrell O.S. 25 hours overtime, 4th Class 2 months.
J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle and moderate breezes from East and E.S.E. The Comdg Officer of the U.S.S. Boston called officially. Sent liberty party ashore.
C. E. Stone
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant; — bar. falling; — gentle breeze from E.S.E. and E.; — Cleopatra and Basilisk came in and anchored.
J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs to moderate breezes from N.E.
C. E. Stone
Ensign U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	N.E.	5			30-07	71	67	62		bcw.	cir cum	9	
2				"	"	5			30-07	70	63	58		"	"	9	
3				N.E.	"	4			30-05	69	60	57		"	"	9	
4				"	"	4			30-05	69	59	57		"	"	8	
5				N by E	N.N.E.	4			30-06	69	59	55		fc	"	4	
6				N.N.E.	"	4			30-06	69	60	57		bcm	"	3	
7				N.E by N.	"	4			30-06	66	61	57		"	"	9	
8				"	"	4			31-06	66	63	60		"	"	3	
9				N.E.	"	4			30-98	66	67	62		"	"	5	
10				E.N.E.	"	3			30-96	69	69	64		"	"	6	
11				"	"	3			30-96	70	71	65		"	cir Sh	5	
Noon.				East	"	3			30-4	71	71	65		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 344 gallons.

Water Distilled during the preceding 24 hours, 1460 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, 2 tons 5 lbs.

Coal remaining on hand at Noon, 125 " 1004 "

P. M.																	
1				E.N.E.	N.E.	3			30-02	72	73	66		bc.	cir cum	4	
2				East.	E-by S.	3			30-00	72	72	67		"	"	2	
3				E by S.	"	4			29-97	72	72	67		oc	num	0	
4				"	"	3			29-96	72	71	67		"	"	0	
5				"	"	2			29-95	72	70	68		"	"	0	
6				East	E.S.E.	2			29-94	70	70	68		bcm	"	2	
7				South	"	2			29-93	72	70	68		"	"	2	
8				N.N.W	E.N.E.	1			29-93	76	71	69		ocm	"	0	
9				North.	N.E.	2			29-92	77	72	68		"	cir cum	0	
10				"	N.N.E	3			29-94	78	72	67		bcm	"	2	
11				"	"	3			29-94	77	71	68		"	"	5	
Mid.				E.N.E.	"	2			29-93	74	71	68		"	"	5	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday December 6th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Fresh to moderate N.E. breze.

W. O. Hulse
Ensign U.S.N.

4 A.M. to 8 A.M.
Clear and pleasant.—barometer steady.—moderate breze from N.N.E.; Recd in Pay Dept. 110 1/4 lbs fresh beef, 111 1/4 lbs, vegetables, & 9 lbs. soft bread:—Board of Survey, found 13 3/4 lbs. of this beef unfit for use & condemned it

J. T. Newton
Lieut U.S.N.

8 A.M. to Meridian.
Partially cloudy. Gentle & moderate breezes from N.N.E. At 9.30 inspected crew at quarters & at 10.00 read Articles for Government of the U.S. Navy, and had General muster. Pat. Dwyer (boy), was absent from ship, without leave. A party of officers visited the U.S.S. Boston.

P. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy first part, overcast second part. Gentle to moderate breze from N.E. to E. by S.

W. O. Hulse
Ensign U.S.N.

4 P.M. to 8 P.M.
Cloudy. Light airs and breezes from E. by S. & S.E. & E.

P. M. Stone
Ensign U.S.N.

8 P.M. to Midnight
Cloudy. Light to gentle breze from N.E. to N.N.E. Misty.

W. O. Hulse
Ensign, U.S.N.

Examined and found to be correct.

L. R. Lewis
Lieut.- Navigator.

LOG of the UNITED STATES Steamer Essex. , 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East	N.N.E.	2			29.92	73	70	68		bc.	cu cumulus	4	
2				"	"	2			29.91	72	69	67		bcl	"	6	
3				N.E.	North.	3			29.90	72	69	67		"	"	6	
4				North	"	3			29.89	73	69	67		"	"	4	
5				West.	West.	1			29.91	72	69	67		bc	"	7	
6				W.S.W.	S.S.W.	2			29.92	72	68	66		"	"	9	
7				S.W	S.W.	1			29.92	72	69	67		"	"	9	
8				"	West.	3			29.92	72	71	68		"	"	9	
9				"	"	2			29.91	74	71	69		"	"	9	
10				"	"	2			29.91	74	71	69		"	"	9	
11				S.S.W.	"	2			29.94	75	72	70		"	"	9	
Noon.				Sby W.	W.S.W.	4			29.96	74	71	69		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2400 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 125 " 604 "

P. M.												
1	Sby E	SSW.	4	29.99	74	71	68	bcm	cu cum	6	
2	SSE	Sby E	5	29.99	73	71	68	"	"	2	
3	"	SSE.	7	30.01	72	69	65	bcg	cu cum num	0	
4	Sby E.	Sby E.	7	30.05	71	67	64	"	"	0	
5	"	"	5-8	30.08	72	65	62	"	"	0	
6	"	"	5-8	30.13	72	64	61	"	"	0	
7	"	"	5-8	30.17	72	63	58	bc	cu cum Nim	3	
8	"	"	5-8	30.18	73	62	58	"	"	5	
9	"	"	5-7	30.20	73	61	58	"	"	5	
10	SSE	SSE.	5-8	30.22	73	61	56	"	"	5	
11	SE by S.	SE by S	4-7	30.25	72	60	56	"	"	6	
Mid.	"	"	4-7	30.26	72	60	56	"	"	7	

under the command of A. S. Snow Commander, U. S. Navy,
Monday December 7th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Fair. Light to gentle breeze from N.N.E. to North, shifting to S.W. at 3.45. Heat lightning in the S.W. last three hours.

Jno. F. W. Holman
Lieut. U.S.N.

4 A.M. to 8 A.M.

Clear and pleasant. Light airs to gentle breezes from West to N.W. Executed morning orders. At 7.20 made Signal Interrog. 607, Boston answered 904. At 7.30 crossed royal yards. Recd. in Pay Dept. 112 lbs. fresh beef and vegetables 90 lbs. soft bread. Pat. Dwyer (boy), returned on board 72 hours overtime.

W. H. Stone
Ensign U.S.N.

8 A.M. to Meridian.

Clear. Light to moderate breeze from the West to W.S.W. At 9.30 mustered at quarters. Absentees, 1 Bules (Sea) and W. Carmichael (Mach.) Exercised divisions as per routine. French cruiser Sané, fired salute, 13 guns, French flag at fore. W. Carmichael (Mach.) returned on board 3 hours overtime. Robt. Simberg (1st Cook) was discharged at his own request, waiving all claim to Consular aid, and transportation

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Clouding over. Moderate breeze from S.S.W. hauling rapidly at 2.30, to S. by E. and S.S.E., and increasing in power to fresh breeze. Barometer rising. Water in the harbor deepening. Gloomy to the Sd. and Sd. and Wd. Sea rising, at 2.30, hoisted Steam launch. At 2.40 made signal Int. 604, answered 904. At 2.45 sent down light yards and masts. Received on board in Equipment, and in Construction the following articles; 15 lbs cotton twine; 2 Palms; 30 corn brooms; 1 bbl. slacked lime; for the Equipment Dept.; and 110 lbs. white lead, and 5 gals. linseed oil, for Construction Dept. Sent a liberty party ashore.

Jno. F. W. Holman
Lieut. U.S.N.

4 P.M. to 8 P.M.

Overcast and cloudy. Clearing slightly last part; Stiff breeze to moderate gale from S. by E. At 4.20 let go Sheet anchor under fore foot. At 5 rigged-in lower booms.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Fair. Cool. Moderate to fresh breeze from S. by E. to S.E. by S. Barometer rising. Rough sea

Jno. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.E.	4-6			30-28	70	60	56		bcq.	cum.	9	
2				"	"	4-6			30-28	69	60	55		"	"	9	
3				"	"	3-6			30-28	68	60	55		"	"	9	
4				"	"	3-6			30-28	67	59	54		"	"	6	
5				SE by S.	"	4			30-30	67	60	55		bc	"	6	
6				"	"	4-5			30-31	62	60	55		"	"	4	
7				S.S.E.	S.E.	4			30-33	65	61	56		"	"	4	
8				"	"	4			30-34	65	62	56		"	"	7	
9				SE by E.	"	3			30-37	65	67	58		"	cir cum	4	
10				"	"	3			30-37	67	68	58		"	" "	5	
11				S.E.	"	3			30-38	67	64	57		"	" "	6	
Noon.				"	"	3			30-38	67	63	56				6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 400 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2000 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 124 " 927 "

P. M.												
1	S.E	S.E	2	30-36	69	64	57	bc.	cir.cum.	7	
2	"	"	2	30-36	70	64	57	"	"	8	
3	"	"	2	30-36	71	64	57	"	"	8	
4	"	"	2	30-36	71	64	57	"	"	9	
5	"	East	2	30-36	71	63	57	bc	none	10	
6	"	"	2	30-36	69	63	57	"	"	10	
7	"	"	3	30-37	71	63	57	"	"	10	
8	"	"	2	30-37	73	62	57	"	"	10	
9	E by S	"	2	30-37	74	62	58	"	"	9	
10	"	"	3	30-37	74	62	58	"	"	9	
11	E.S.E	E.N.E.	2	30-36	74	63	58	"	cir.cum.bc	8	
Mid.	S.E.	N.E	2	30-36	71	62	58	"	"	6	

under the command of A. S. Snow, Commander, U. S. Navy,
Tuesday December 8th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Meridian until 4 A.M.
Clear bright starlight. Moon set @ 12.18. (Moderate to Strong breeze from S.S.E., moderating latter part; occasional moderate squalls.

~~F.H. Kane~~
Lieut, U.S.N.

4 A.M. to 8 A.M.
Fair. Moderate to stiff breeze from S.S.E. to S.E. Hove up Sheet anchor. Bent light sails and at 7.50 sent up t.g. masts, and crossed light yards. At 7.45 made Int. 6071 to Boston; Boston answered 904.

W.C. Wilkie
Ensign, U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle breeze from S.E. At 9.30 mustered at quarters. P. Boles (Sea), absent. Sabre divisional instruction. Lowered the steam launch. P. Boles (Sea), returned aboard.

Jno. F. Holman
Lieut, U.S.N.

Meridian to 4 P.M.
Clear and pleasant weather. Light breeze from S.E. Inspected dry gun cotton, & tonnas paper used, to test — showed a light but decided acid reaction

~~F.H. Kane~~
Lieut U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant & cool. Light to gentle breeze from East. At 5.40 served out clean hammocks at quarters.

Jno. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Bright moon & starlight. Light fleecy clouds. Light breeze from East to N.E.

~~F.H. Kane~~
Lieut U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	N.E.	2			30-34	70	61	57		tc	cir cum Str	6	
2				East	"	2			30-33	69	60	54		"	"	9	
3				E.S.E.	"	2			30-33	68	60	57		"	"	9	
4				S.E.	N.N.E.	1			30-33	67	59	56		"	"	9	
5				E.S.E.	"	2			30-34	66	59	56		"	cir.	9	
6				N.E.	"	2			30-34	61	60	57		b.c.m.	"	9	
7				N.E.	"	2			30-35	64	60	56		"	"	10	
8				North	North	3			30-35	69	62	57		"	"	9	
9				N. by W.	N.N.W.	2			30-34	67	65	59		"	"	9	
10				"	North	2			30-34	69	67	60		b m	none	10	
11				E.S.E.	E.S.E.	2			30-34	69	68	61		"	"	10	
Noon.				"	"				30-34	69	69	61		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 430 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1568 "

Coal consumed during the preceding 24 hours, tons 1350 lbs.

Coal remaining on hand at Noon, 123 " 1814 "

P. M.																	
1				S E by E	S E by E.	2			30-34	69	68	61		b.c.m.	cir cum	9	
2				"	E.S.E.	3			30-31	69	67	60		"	"	9	
3				S.E.	"	3			30-28	69	66	58		"	"	9	
4				E by S.	"	3			30-27	68	66	60		"	"	9	
5				"	"	3			30-25	68	66	60		"	"	8	
6				"	E by S.	4			30-24	69	66	60		"	"	8	
7				East	East	3			30-23	69	65	59		"	"	8	
8				"	"	3			30-23	72	65	59		"	"	9	
9				E by N.	"	3			30-24	74	65	60		b.	none	10	
10				E.N.E.	East	3			30-24	75	65	60		"	"	10	
11				"	E N E	3			30-24	75	64	60		"	"	10	
Mid.				N.E.	N.E.	3			30-24	76	63	59		bw	"	10	

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday December 9th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (M) until 4 P.M.
Clear (M) fine, light breeze to light airs from N.E. (M) & N.E.
W. Ry Mason Field
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant. Light to gentle breeze from N.N.E. to North.
The Indian Prowler came out of the dry dock and anchored in the inner harbor.
Wm Liggan (S) being insubordinate, was put under sentry's charge, to await action of the Commanding Officer. At 5.18 made signal Int. 3040, answered 904.

8 A.M. to Meridian.
The Commanding Officer adjudged the following punishments viz:
Wm Jones (Pvt) 2d Class (S) R Sherlock (Pvt) } Returning from liberty unfit for duty — 2 weeks, Second Class.
Wm Carmichael (Machinist) 3 hours overtime, Tight from liberty, Off Special List, 2 weeks.
R Bailee (Sea) } 28 hours overtime
Pat. Flaherty (Boy) } 72 hours overtime } 4th Class, 2 months.
Pat. Dwyer (Boy), 72 hours overtime; 4th Class 3 months
A.R. Brown (S. 2d), Out of uniform, 2 mid-watches.
8 may, Officer of the deposition pass on some official visit.

Forgo Fitz Holloway
Lieut. U.S.N.

Light breeze from N.N.W.,
masters, and exercised boats
absent without leave.
for 5 days, by order of
e to officer of the deck.

F. Irwin
Lieut. U.S.N.

Meridian to 4 P.M.
Clear (M) fine; light to gentle breeze from S.E. by E. (M) E.S.E. Served out Clothing (M) Small stores.

W. Ry Mason Field.
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear (M) pleasant. Misty along horizon. Gentle to moderate breeze from E.S.E. to East. At 6.10 made Int. 6068, Boston answd. 904. Sent down light yards.

F. Irwin
Lieut, U.S.N.

8 P.M. to Midnight.
Clear (M) fine; gentle breeze from East to N.E.
W. Ry Mason Field.
Ensign, U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday December 9th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ until 4 A.M.
Clear & fine, light breeze to light airs from N.E. & E.N.E. Q.
W. Ry Mason Field
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant. Light to gentle breeze from N.N.E. to North. The Indiana Towing came out of the dry dock and anchored in the inner harbor. Wm Liggan (O.S.) being insubordinate, was put under sentry's charge, to await action of the Commanding Officer. At 5.18 made signal Int. 3040, answered 904.

8 P.M. to Meridian
Forge Fd Holman
Lieut U.S.N.
Clear and pleasant. Misty along horizon. Light breeze from S.S.W., shifting to North & E. & E. At 9.30 mustered at quarters, and exercised boats under oars at Naval Tactics. G. C. Menier (Ldsm.), absent without leave. Wm Liggan (O.S.), was confined in cell, on bread & water for 5 days, by order of Comdg. Officer for insubordination & disrespectful language to officers of the deck. Comdg. Officer of A.M.S. Cleopatra paid an semi-official visit.

Meridian to 4 P.M.
F. Wilcox
Lieut. U.S.N.
Clear & fine; light to gentle breeze from S.E. by S. & E. & E.S.E. Served out Clothing & Small stores.

4 P.M. to 8 P.M.
W. Ry Mason Field
Ensign U.S.N.
Clear & pleasant. Misty along horizon. Gentle to moderate breeze from E.S.E. to East. At 6.10 made Int. 6068, Boston answd, 904. Sent down light yards.

8 P.M. to Midnight.
F. Wilcox
Lieut, U.S.N.
Clear & fine; gentle breeze from East to N.E.
W. Ry Mason Field
Ensign, U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	3			30-24	72	61	57		/ c	cir cum	10	
2				"	"	4			30-24	71	60	56		"	"	10	
3				"	"	4			30-21	65	60	57		"	"	10	
4				"	N.N.E.	4			30-21	67	55	55		bcw	"	9	
5				N.E by N.	"	3			30-21	67	58	55		bc	cir	9	
6				N. by E.	"	3			30-21	67	58	55		bm	0	10	
7				North	"	3			30-21	66	61	57		"	0	10	
8				"	"	3			30-22	71	64	59		"	0	10	
9				"	"	2			30-22	68	67	61		"	none	10	
10				"	N.E.	2			30-22	68	69	62		b	"	10	
11				N.E.	E.S.E.	3			30-21	70	70	64		"	"	10	
Noon.				E.S.E.	"	3			30-20	70	70	64		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 400 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1168 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 123 " 1414 "

P. M.												
1		S.E by E.	E.S.E	3	30-18	70	69	64	b	none		10
2		"	"	3	30-16	70	69	64	"	"		10
3		"	"	4	30-13	70	69	64	"	"		10
4		"	"	4	30-11	70	69	65	"	"		10
5		East	"	4	30-09	70	70	66	bm	cir cum		10
6		"	East	4	30-08	70	70	66	"	"		10
7		E.N.E	E.N.E	4	30-08	70	71	66	bcm	"		10
8		N.E by N.	N.E.	2	30-07	74	71	67	"	"		9
9		"	"	2	30-09	75	71	64	"	"		9
10		N.N.E.	"	3	30-10	72	69	64	"	"		9
11		"	"	4	30-11	73	67	63	"	"		9
Mid.		"	"	4-5	30-11	72	65	62	"	"		9

under the command of A. S. Snow, Commander, , U. S. Navy,
Thursday, December 10th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Gentle to moderate breeze from N.E. to N.N.E.

F. A. Traer
Lieut. U.S.N.

4 A.M. to 8 A.M.
Clear and pleasant;- barometer steady;- gentle breeze from N.N.E.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine; light to gentle breeze from N.E. to E.S.E. Mustered at quarters. P. Dougherty (Pvt.) and G.W. Mercer (Sdsm.) absent without leave. Transferred (5) Apprentices, W. Zeitler (Sa. cl.), W. Mendel (Sa. cl.), H.H. Walden (Sa. cl.), W.B. Stevens (Sa. cl.), A. Piwatzky (Sa. 2nd class), with their bags, hammocks and necessary transfer papers to "U.S.S. Minnesota"; S. Nygren (OS), was rated to Ships Cook from Dec. 7th 1891.

W. Ray Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Light and pleasant;- barometer steady;- gentle to moderate breeze from E.S.E.

J. T. Newton
Lieut. U.S.N.

4 P.M. to 8 P.M.
Clear and fine, moderate breeze from E.N.E. to E.S.E.

W. Ray Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant;- barometer steady;- gentle to moderate breeze from N.E.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.E.	4			30-10	71	64	61		b	none	10	
2				"	"	4			30-09	71	64	61		bc	cum Sh	9	
3				N.E.	N.N.E	3			30-09	67	64	62		b clar	none	10	
4				"	North	3			30-09	67	63	61		"	"	10	
5				"	"	3			30-09	66	62	60		bcm	cir cum	8	
6				"	"	4			30-09	67	63	60		"	"	7	
7				"	N.N.E.	3			30-10	66	65	62		"	"	2	
8				N.N.E.	"	3			30-11	69	68	63		"	"	3	
9				North	North	3			30-10	71	71	65		bcm	"	8	
10				"	"	3			30-09	72	75	68		"	"	8	
11				"	N.N.E	2			30-08	72	76	70		bc	"	6	
Noon.				E.N.E.	E.S.E.	3			30-08	74	76	70		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water Distilled during the preceding 24 hours, 1932 "

Water remaining on hand fit for use at Noon, 2620 "

Coal consumed during the preceding 24 hours, 1 tons 915 lbs.

Coal remaining on hand at Noon, 122 " 499 "

P. M.														
1	E.N.E.	E.S.E.	3	30-08	73	69	68		bc	cir cum str.			7	
2	"	"	3	30-08	73	72	68		"	cu s.			7	
3	"	"	3	30-06	74	72	67		"	"			5	
4	"	"	3	30-06	74	73	67		"	"			6	
5	East.	E. by S.	3	30-04	74	72	67		"	"			6	
6	"	"	3	30-03	73	72	67		"	"			6	
7	"	East.	3	30-03	73	71	67		"	"			6	
8	N.E.	"	2	30-03	76	72	67		"	"			5	
9	"	E.NE	3	30-03	76	72	68		"	"			7	
10	"	"	3	30-02	76	72	69		"	"			7	
11	N.E by N.	East.	3	30-03	74	72	69		"	"			6	
Mid.	"	"	2	30-03	74	72	69		bcw	"			3	

under the command of A. S. Snow Commander, U. S. Navy,

Friday December 11th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mod until 4 A.M.

Clear & pleasant; Gentle and moderate breezes from N.E. to North

A.R. Brown stood Extra watch.

J. J. Young
Ensign U.S.N.

4 A.M. to 8 A.M.

Fair & pleasant; gentle to moderate breeze from N. & N.E.

Received in Pay Dept; 80 lbs bread. 103½ lbs fresh beef 10½ lbs vegetables

W. Ray Mason Fwd.
Ensign U.S.N.

8 A.M. to Meridian

Clear & pleasant, barometer steady; — gentle to light variable breeze;

Read Genl Quarters, — Ready - 1st div, 1 min, 5 sec; 2nd div, 2 min; 3rd, 2 min, 30 sec; Navigator div, 2 min, 20 sec.; Powder div, 3 min, 10 sec; Engineer div, 1 min, 50 sec; Marine Guard 1 m 15 sec Pay Dept, 1 min, 05 sec; Surgeon's Dept, 1 min, 25 sec. Absent without leave, Dougherty, (Pvt MC), — G. V. Menier (Lds). Received in Equipment Dept, 173 lbs, 3 in Manilla Rope; 265 lbs 3¼ in. Manilla Rope; 305 lbs, 3½ Manilla Rope; 413 lbs, 4½ in, Manilla Rope. 66 yds #4 Cotton Canvas; 8 1/2 yds, 18 in Red Bunting; 5 0 yds 18 in, White Bunting; 3 yds 18 in Blue - Bunting. Cut & rove off, new light yard ropes & falls for all boats except Steam & Sailing Launch. Tested life buoy

J. J. Newton
Lieut U.S.N.

Meridian to 4 P.M.

Fair. Gentle breezes from E.S.E. Finished reeving off boats falls and firing chain. Transported sheet anchor.

C. Luxton
Ensign U.S.N.

4 P.M. to 8 P.M.

Cloudy; - barometer steady; - gentle breezes from E. by S. to East;

Boston left the roads

J. J. Newton
Lieut, U.S.N.

8 P.M. to Midnight.

Cloudy & misty - Light & gentle breezes from E.N.E. and East.

Pvt Dougherty (Pvt MC.), returned on board. 36 hours overtime; G. V. Menier (Lds), returned on board, 6 hours overtime. Stopped distilling & allowed fires to die out.

C. Luxton
Ensign U.S.N.

Examined and found to be correct.

C. K. Lunt
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	E.N.E.	1			30-04	74	71	69		b.c.m.w.	cir.cum	5	
2				North.	"	2			30-03	71	71	68		"	"	2	
3				"	"	1			30-03	71	70	69		"	"	4	
4				East.	N.E.	2			30-03	71	69	67		b.c.	"	4	
5				N. by E.	"	2			30-03	70	68	67		"	"	4	
6				E.N.E.	"	3			30-03	70	68	67		b.c.m.	"	4	
7				N.E.	"	2			30-04	72	70	67		"	"	1	
8				E.N.E.	N.N.E.	2			30-04	72	70	67		"	"	1	
9				S.W. by W. ½ W.	"	2			30-05	70	72	69		"	"	2	
10			7.5	"	S.E.	2			30-05	70	72	70		"	"	2	
11	7	7	15.2	"	E.S.E.	3			30-04	70	73	70		"	"	2	
Noon.			22.9	S.W. by W. ¾ W.	"	3			30-04	70	74	71		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 471 gallons.

Water Distilled during the preceding 24 hours, 711 "

Water remaining on hand fit for use at Noon, 2960 "

Coal consumed during the preceding 24 hours, 2 tons 1050 lbs.

Coal remaining on hand at Noon, 119 " 1689 "

P. M.															
1	8	2	31.1	S.W. W. ¾ W.	S.E.	3	30-3	74	71	71	b.c.	circum	2		
2	8	2	39.3	W. by S.	E.S.E.	3	30-02	74	71	69	"	"	3		
3	5	4½	45.1½	West.	"	4	30-01	74	71	69	"	"	4		
4	3 5	7	49 54	N.W. by N.	"	4	29.98	74	71	69	"	"	5		
5	4	5	58.5	N.W. by W.	"	4	29.96	73	72	69	"	"	6		
6			68.01	N.W. ¼ N.	"	4	29.95	73	72	70	"	"	6		
7			75.5	"	"	3-4	29.95	74	72	70	"	"	5		
8			87.	N.W. by W. ½ W.	East.	3	29.96	78	73	71	"	"	5		
9	6 2	2.3	95. 101 103.2	W. by N.	"	3	29.96	79	74	72	"	"	4		
10	3 4	1. 5	106.3 110.8	W. ½ N. West	"	3	29.99	79	74	72	"	"	6		
11				E.S.E.		3	29.99	80	73	71	"	"	2		
Mid.				E. by S.	E.N.E.	3	29.99	80	73	71	"	"	0		

under the command of A. S. Snow Commander, U. S. Navy,

Saturday December 12th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy. Light airs to light breezes from E.N.E. to N.E.

W. O. Hulme
Ensign USN

4 A.M. to 8 A.M.
Cloudy and pleasant – gentle to light breeze from N.E.
Started fires under 2 boilers – unmoored ship.

J. Hewlett
Lieut, U.S.N.

8 A.M. to Meridian.
Cloudy & misty. Light airs and gentle breezes from N.N.E, N.E. & E.S.E. Called all hands; up anchor at 8.30 got underway, and stood out at 8.35. Course S.S.W 1/4 W. At 8.58 took departure; Cerro bearing N.10 3/4 E. Cathedral N.E. 1/4 E. Bravo Point E. 1/2 S.; put over patent log and changed course to S.W. by W.1/2 W. At 9.45 changed course to avoid Steamer, coming back to course after passing; at 11 changed course to S.W. by W. 1/2 W.; pat. log 15.2; steaming with two boilers. Av. Steam 72. Av. revol. 40.

C. C. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy; Gentle to moderate breeze from E. to E.S.E. At 1.12 made all square sail to royals; with jib & main try sail Changed courses as follows, viz; at 2 to W by S., Pat log 39.3; At 2.40 to West, Pat log 45.1; at 2.43 to N.W by N. Pat. log 45.3; At 3, to N.N.W 1/2 W., Pat. Log, 49. at 3.26, to N.W by W., Pat. log 54.; Pat log, at end of watch, 58.5.– These various changes of course, were made in search of Pt. Indio Light Ship, which was made out plainly about 3.15. – Steam 75 lbs. Av. rev. 44.7.

W. O. Hulme
Ensign USN

4 to 8 P.M.
Partially cloudy. Gentle to moderate breezes from E.S.E & East. At 4. 28 Changed course N.W. 1/4 N. pat log 63. At 6.30 sighted Chico Lt. Ship. Took in royals & topgallant sails. At 6.40, ch. course to N.W by W. Pat. Log 84. Hauled up topsails & foresail. At 7.00 ch. course N.W by W 1/2 W, Pat log 87. At 7.18 changed course to W.N.W. Pat. log 89.5. At 7.20 furled sail. At. 7.30 changed course to W.N.W. 1/2 W. Pat. log 91. At 7.46 passed Chico Lt. Ship & changed course to W by N. Pat log 93.2. Steaming with two boilers. Av. Steam 66 lbs. Av. revol. 44.

C. C. Stone
Ensign U.S.N.

8 P.M. to Midnight
Cloudy; Gentle breeze from the East to E.N.E. At 8.44 changed course to W 1/2 N. Patent log 101 and at 9.20 to West, Pat Log, 106.3. At 9.56 hauled in P. Log reading 110.8. At 10, came to anchor, with port anchor in 4 1/2 fathoms water & veered to 30 fathoms outside hawse. Bearing at anchor 18 miles W by N from Chico Lt. Ship. Banked fires.

W. O. Hulme
Ensign, U.S.N.

Examined and found to be correct.

L. V. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

At Anchor in River Plate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by S.	E.N.E.	3			29.99	80	73	71		oc.	mixed	0	
2				"	"	3			29.98	80	73	71		bc	"	2	
3				"	"	2			29.98	80	73	71		"	"	3	
4				"	"	2			29.97	80	73	71		"	"	5	
5				N by E	"	2			29.98	78	73	71		fem	cucum	6	
6				N.W by W.		3			29.98	74	73	71		"	"	1	
7			112.9	N.W.	East	3			29.98	74	73	71		"	"	2	
8			121.3	N. 7/4 W.	"	3			29.99	74	73	72		"	"	2	
9			130.	E 1/8 S.	"	3			29.99	75	74	71		"	"	8	
10			131.3	N.W by N	"	3			29.99	75	75	73		bc	"	6	
11 Commenced Laboring at 11-30				"	E.S.E.	3			29.99	75	76	73		"	"	6	
Noon. Wood				S.E by E.	"	3			29.99	74	75	73		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 432 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2528 "

Coal consumed during the preceding 24 hours, 5 tons 1645 lbs.

Coal remaining on hand at Noon, 114 " 44 "

P. M.																	
1				S.E by E.	E.S.E.	3			29.98	76	76	73		bc.	circum	5	
2				S.E	"	3			29.97	76	76	73		"	"	5	
3				"	"	3			29.95	76	76	73		"	"	5	
4				"	"	3			29.94	76	76	73		"	"	5	
5		H. 5.30 P.M.		"	"	3			29.92	77	76	73		"	"	8	
6				N by E	"	3			29.91	76	76	73		"	"	8	
7				N.N.W.	"	3			29.91	76	75	72		"	"	7	
8				"	"	4			29.91	76	74	72		"	"	7	
9				"	"	4			29.94	76	74	72		"	"	5	
10				"	"	4			29.95	76	73	71		"	"	5	
11				N. by E.	"	4			29.95	76	73	71		"	"	6	
Mid.				S.E by E.	"	3			29.96	76	72	70		"	"	2	

under the command of A. S. Snow Commander, U. S. Navy,

Sunday, December 13th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy. Gentle to light breeze from E.N.E. At 1.45, a side-wheel steamer standing to the W.N.W. (about) passed quarter of a mile to the Northward.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle light breeze from E.N.E. East. Executed morning orders. At 6.32, got up anchor & went ahead on course. 6.45 patent log 110.8. — At 7.40 sighted Farallon Island Light House N.E. by E. Course to N.W. patent log 113.2. At 7.50, changed course to N. ¾ W., patent log 119.9; at 7.58 changed course, ¼ pt, to avoid sailing pass (Standish) to Eastward; came back to course immediately afterwards. Steaming with two boilers. Av. steam 58 lbs., Av. revol., 44.8.

W. O. Hulme
Ensign U.S.N.

8 to Meridian
Cloudy. Gentle breeze from the East to E.S.E. Standing into Colonia Harbor. Navigator at conn; At 9.14 took in Pat. Log reading 131.3. At 9.17 came to anchor in 5 fathoms water, & moored ship 45 fathoms on each chain; Starboard anchor to W.N.W. Let fires die out. Bearings at anchor: Colonia Light (mag) E. ¾ S., Farallon Light (mag) S.W. by W. ¾ W., Pt. Church (mag) N. by E. Draft. Forward 13 ft. 5 in. At 11.45 Amid ships 14 ft. 11 in. Lowered Steam Launch

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear & pleasant. Gentle breeze from E.S.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle to moderate E.S.E. breeze. Planted Target buoys.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Generally fair. Moderate to gentle breeze from E.S.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

G. K. Sumner
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex. , 3rd Rate,
Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	E.S.E	3			29-94	75	72	70		rc	cir cum	0	
2				"	"	3			29-94	75	71	70		"	"	0	
3				"	"	3			29-93	75	71	70		ocm.	"	0	
4				S.E. by S.	"	3			29-93	75	71	70		"	"	0	
5				"	"	2			29-93	75	71	71		o.c.	cum	0	
6				S.E by S.	East.	2			29-93	74	71	70		"	"	0	
7				N.W by N.	"	2			29-92	73	72	71		"	cum nm	0	
8				"	E.S.E.	2			29-93	74	72	71		"	"	0	
9				"	"	3			29-94	74	74	72		bc	cir cum	2	
10				N.W.	"	3			29-95	74	75	72		"	"	4	
11				N.W by N.	"	3			29-95	74	77	73		"	"	6	
Noon.				N.W.	"	3			29.97	74	75	72		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 422 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2106 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 113 " 1884 "

P. M.										
1		S.E by E	E.S.E.	2	29-94	76	76	72	bc.	cir cum	9
2		"	"	2	29-93	76	75	71	"	"	9
3		"	"	3	29-91	76	75	71	"	"	7
4		"	"	3	2990	76	75	71	"	"	7
5		E. by S.	East.	3	29-89	76	75	71	"	"	6
6		"	"	3	29-88	75	74	70	"	"	6
7		N.N.W.	"	4	29-88	75	74	71	"	"	6
8		"	"	4	29.90	76	74	71	"	"	5
9		"	"	4	29-90	77	73	71	lock.	"	4
10		"	"	4	29-92	77	73	70	"	"	7
11		"	"	4	29-93	77	73	70	bc.	"	7
Mid.		"	E.S.E.	4	29-93	76	72	70	"	"	

under the command of A S Snow, Commander, U. S. Navy,
Monday December 14th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast and cloudy. Misty latter part. Gentle breeze from E.S.E.

W.H. Wilcox
Lieut. U.S.N.

4 to 8 A.M.
Overcast. Light breeze from the East to E.S.E. Put out rifle target, and marines began firing. Broke out torpedo gear. Executed morning orders. Received for use of crew, 166 lbs. each, fresh beef and vegetables and 85 lbs bread.

W.O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clearing. Gentle breeze from E.S.E. At 9.30 mustered at quarters. Wm Liggan (C.) was released from confinement and restored to duty. Marine Guard finished rifle firing at target. Fired at target with 3 in., B.L.R., and with Gatling, from boats. Fired two exercise torpedoes from launch. Exercised the riflemen firing at target. Expended two exercise torpedoes pat. C. complete, two torpedo spindles, two torpedo pins, two detonators and one spar cap.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant weather. Light to gentle breeze from E.S.E. Fired at small arm target with Gatling gun at 300 yds. Second and Navigator's divisions fired at target with sub-calibre tube in 6 Pdr. 300 yds range. U.S. Consul visited the ship.

W.H. Wilcox
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle to moderate breeze from East. At 6, sent down light yards.

Geo. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight
Partly Cloudy. Bright moon and starlight. Moderate breeze from East to E.S.E. Lightning to S.E. first two hours

W.H. Wilcox
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	E.S.E.	2			29-93	77	72	69		b.c.	cir cum	4	
2				"	"	2			29-93	76	72	69		"	"	2	
3				S.E.	"	2			29-93	76	72	69		"	"	2	
4				"	"	1			29-93	73	71	69		"	"	4	
5				S.E. by E.	"	1			29-94	72	71	69		"	"	2	
6				E. by S.	E.N.E.	1			29.95	71	72	69		"	"	1	
7				W. by N.	S.E.	1			29-97	72	72	69		"	"	1	
8				N.W. by N.	"	3			29-98	73	73	70		"	"	1	
9				N.W.	"	3			30-00	73	74	71		"	"	6	
10				W.N.W.	"	3			30-01	73	74	71		"	"	6	
11				N.W.	"	3			30-01	74	76	71		"	"	6	
Noon.				"	"	2			30-01	75	76	72		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 486 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1620 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 113 " 1484 "

P. M.										
1	E.S.E.	E.S.E.	3	30-01	75	75	71	b.c.	cir cum	7
2	S.E.	"	3	30-01	75	75	71	"	"	7
3	"	"	3	30-00	75	75	70	"	"	7
4	"	"	3	30-00	75	75	70	"	"	7
5	"	"	3	29-98	76	75	70	"	"	8
6	"	"	3	29-98	76	75	70	"	"	8
7	East	East	3	29-99	77	75	71	"	"	8
8	N.N.E.	E.S.E.	3	30-00	78	75	71	"	"	8
9	N by W.	E by S.	5	30-02	78	74	71	"	"	4
10	"	"	5	30-04	78	74	71	"	"	5
11	North	"	5	30-05	76	73	70	"	"	7
Mid.	N.E.	E.S.E.	5	30-05	76	73	70	"	"	4

under the command of A. S. Snow Commander, U. S. Navy,

Tuesday December 15th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuntil 4 A.M.
Cloudy. Light airs & breeze from E.S.E.

Jno. Lee Holmes
Lieut. U.S.N.

4 to 8 A.M.
Fair & pleasant; light airs from E.N.E. to E.S.E, hauling to gentle breeze from S.E. Lowered sailing launch

W. R. Rz Mann Feli.
Ensign, U.S.N.

8 A.M to Meridian.
Partly cloudy, warm & pleasant. Gentle to light breeze from S.E. At 9.00, landed battalion for exercise on shore; returned to the Ship at 11.20.

Lieut. U.S.N.

Meridian to 4 P.M.
Clear & fine; gentle breeze from E.S.E. Loaded & fused, ten IX inch, smooth bore, Shell; fuse 5 sec! Fired, Nav: Div: Powder Div: and First division with sub-calibre.

W. R. Rz Mann Feli.
Ensign U.S.N.
Engineers Division.

4 to 8 P.M.
Clear & pleasant. Gentle breeze from E.S.E & East. finished firing with 6 Pdr, sub calibre tube.

Lieut. U.S.N.

8 P.M. to Midnight
Fair & pleasant. stiff breeze from E by S.

W. R. Rz Mann Feli.
Ensign U.S.N.

Examined and found to be correct.

Lt. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd. Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	East.	4			30-07	78	72	69		bc.	cir cum	4	
2				S.E.	E.S.E.	4			30-07	78	71	68		"	Cir Cum, Nim	3	
3				"	"	4			30-07	77	71	68		"	"	3	
4				"	"	4			30-07	77	71	67		oc.	nim	0	
5				S.E by E	"	4			30-07	77	71	66		bc.	cum nim	1	
6				S.E.	"	4			30-07	77	71	67		oc.	"	0	
7				"	S.E.	4			30-08	74	71	67		"	"	0	
8				S.W.	"	4			30-04	74	72	68		"	"	0	
9				N.W by N.	"	4			30-16	73	72	68		"	"	0	
10				"	"	4			30-10	73	73	69		"	"	0	
11				"	"	3-4			30-12	73	74	70		bc	"	2	
Noon.				"	"	3-4			30-12	74	74	70		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1280 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 113 " 1084 "

P. M.																	
1				N.N.E	E.S.E	4			30-12	74	74	70		bc	cir cum	1	
2				S.E.	"	3			30-10	74	73	69		"	"	4	
3				"	E by E.	4			30-10	73	72	67		"	"	2	
4				"	"	4			30-08	72	72	67		"	"	2	
5				"	"	4			30-09	76	72	67		"	"	2	
6				E by E.	SE by E	4			30-09	75	72	67		"	"	2	
7				E.S.E.	E.S.E	4			30-09	76	71	67		"	"	3	
8				North	East	4			30-07	78	72	68		"	"	3	
9				N.N.W.	"	4			30-08	78	73	69		"	"	6	
10				"	"	4-5			30-06	76	72	68		"	"	8	
11				"	"	4			30-08	76	72	68		"	"	7	
Mid.				N.W by N	"	3-4			30-07	76	72	68		"	"	7	

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday, December 16th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy and pleasant; — barometer steady; — moderate breeze from East and E.S.E. — Full moon —. Small Steamer came in at 3 from Montevideo.

J. T. Newton
Lieut, U.S.N.

4 A.M. to 8 A.M.
Cloudy. Moderate breze from E.S.E. to S.E., unsteady in force. Crosed topgallant yards, at 7.45. Rec'd, 106 lbs, fresh meat, 106 lbs, vegetables and 85 lbs, soft bread in Pay Dept, for issue to crew.

[illegible]
Lieut U.S.N.

8 A.M. to Meridian.
Fair and pleasant, Moderate breze from S.E. Mustered at quarters. At 9.55m had Fire quarters, 1st stream 1 min, 2nd stream 1 min, 10 sec, Third stream 1 min. 50 seconds; — then called all hands to Abandon Ship. — Steam Launch ready, 1 min 40 seconds; Sailing Launch ready 10 min, 10 seconds; First Cutter ready, 1 min 50 seconds —, Whale Boat ready, 5 min; Second Cutter ready, 1 min 50 seconds —, Gig ready, 8 min, 40 seconds; Dinghy ready, 3 minutes; and Catmaran 3 min. Fired Third division at Sub Calibre.

U. Ry Mann Jr.
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant; — barometer steady; — moderate to gentle breeze from E.S.E, and S.E. by E. —

J. T. Newton
Lieut, U.S.N.

4 to 8 P.M.
Fair and pleasant. Moderate breze from S. E by E and E.S.E. Hoisted in Steam Cutter

U. Ry Mann Jr.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy and pleasant; — bright moonlight; — moderate to fresh breeze from East.

J. T. Newton
Lieut, U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Colonia, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	E.N.E.	4			30-05	76	70	66		be	cum	9	
2				"	"	4			30-06	75	69	66		"	"	9	
3				E.N.E.	"	3			30-06	75	67	64		"	"	9	
4				East	"	2			30-05	74	65	63		"	"	9	
5				S.E. by E.	"	3			30-06	69	66	64		"	cirrum	9	
6				E.S.E.	"	3			30-06	67	66	64		"	"	9	
7				E.N.E.	"	3			30-06	69	67	64		"	"	8	
8				N.N.W.	"	3			30-07	75	70	66		"	"	8	
9				N.W. by N.	N.N.E.	2			30-06	77	72	67		"	"	8	
10				"	"	2			30-06	76	75	69		"	"	8	
11				"	E.S.E.	3			30-06	74	77	71		"	"	7	
Noon.				N.W.	S.E.	3			30-06	73	76	70		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the .

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water distilled, during the preceding 24 hours, 360 "

Water remaining on hand fit for use at Noon, 1272 "

Coal consumed during the preceding 24 hours, tons 2200 lbs.

Coal remaining on hand at Noon, 112 " 1124 "

P. M.														
1		N.W.	S.S.E.	2			30-06	73	74	69	be.	cumstra	5.	
2		"	"	2			30-05	74	74	69	"	"	4	
3		W by S.	South	2			30-04	73	74	68	"	"	4	
4		S.E.	S.E.	1			30-02	78	75	68	"	"	4	
5		"	E.N.E.	2			29-98	75	74	69	"	"	4	
6		"	"	3			29-97	75	74	69	"	"	2	
7		S.E by E.	"	2			29-96	76	74	69	"	"	2	
8		East.	N.E.	2			29-96	78	74	69	ocl.	cumstra	0	
9		N.E.	East.	2			29-98	79	74	70	"	nimb.	0	
10		N.W.	S.E.	3			30-00	79	75	70	ocl.	"	0	
11		"	South.	2			30-01	76	75	70	ocr.	"	0	
Mid.		"	N.W.	2			30-02	79	73	69	"	"	0	

under the command of A. S. Snow Commander, U. S. Navy,

Thursday, December 17th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light to moderate breezes from E. & N.E.

C. Malone
Ensign U.S.N.

4 to 8 A.M.
Clear and fine; gentle breeze from E.N.E.

W. R. Rahm Field.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant, - barometer steady, - variable light to gentle breeze. Exercise "Cleared ship for action" at 9 H. 37 m. 25 seconds. All Hands ready 2 2 min. 15 seconds after, then had General Quarters (10.05 min.); Divisions ready, as follows: First Div. reported at 2 min.; Second Div. 2 min. 03 seconds; Third Div., 2 min. 30 seconds; Navigator's Division, 2 min. 02 sec.; Powder Div., at 3 min. 03 sec.; Engineer's Div., at 1 min. 30 seconds. Marine Guard, at 0 min. 50 sec.; Pay Department, 0 min. 58 seconds; Surgeon's Div. reported, 0 min. 58 seconds.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Light breezes from E. & E. to South. Took mooring swivel off chains.

C. Malone
Ensign, U.S.N.

4 to 8 P.M.
Clear and pleasant, - barometer falling, - light to gentle breeze from E.N.E. Clear hawse. — Received in Pay Department, 106 lbs fresh beef and 106 lbs, vegetables, 85 lbs soft bread

J. T. Newton
Lieut U.S.N.

8 P.M. to Midnight.
Overcast. Cloudy and raining last three hours. Lightning to S. and W. Light and gentle breezes from East to South and N.E. Hoisted steam cutter.

C. Malone
Ensign U.S.N.

Examined and found to be correct.

L. M. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Colonia Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	2			30-02	78	71	68		o.c.	nimb	0	
2				"	West	2			30-02	75	72	69		o.c.	"	0	
3				W.N.W.	S.W.	3			30-00	73	72	70		b.c.	cumo nim	3	
4				S.S.E.	S.S.W.	3			30-00	74	72	69		"	"	2	
5				"	S.S.E.	3			30-00	74	70	67		"	"	1	
6				S.W. by W.	"	4			30-02	72	69	67		"	"	4	
7			3 miles	S.W. by S.	"	4			30-03	71	68	65		"	"	4	
8			11.0"	W. ½ S.	"	4			30-04	70	65	62		"	cir cum nim	5	
9				S.S.E.	"	3			30-07	70	67	63		"	"	5	
10				S.E.	S.E.	3			30-07	72	70	64		"	"	5	
11				S.E. by E.	"	2			30-07	74	72	64		"	cir cum	7	
Noon.				"	"	1			30-07	75	73	65		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water distilled during the preceding 24 hours, 1820 "

Water remaining on hand fit for use at Noon, 27720 "

Coal consumed during the preceding 24 hours, 3 tons 1850 lbs.

Coal remaining on hand at Noon, 108 " 1484 "

P. M.																	
1				N.E.	E.S.E.	3			30-06	75	74	66		b.c.	cir cumn	7	
2				E by S.	East.	3			30-06	76	73	67		"	"	7	
3				"	"	3			30-05	75	72	67		"	"	3	
4				"	"	3			30-04	74	73	67		"	"	3	
5				"	East.	3			30-03	74	73	67		"	"	5	
6				E.S.E.	"	3			30-04	73	71	66		"	"	5	
7				"	S.S.E.	2			30-05	76	72	64		"	"	5	
8				"	E.S.E.	2			30-06	77	71	64		"	"	7	
9				"	"	1			30-08	77	68	63		"	"	9	
10				"	S.E.	2			30-08	77	67	62		"	"	9	
11				"	"	2			30-08	75	65	61		"	"	9	
Mid.				"	"	2			30-08	74	64	60		b.	nme	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Friday December 18th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (1st) until 4 A.M.

Overcast (1st) raining first hour then clearing slightly. Light to gentle breze from N.W. to S.S.W. At 2, started fires in two boilers.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.

Cloudy (1st) pleasant; - barometer rising; - gentle to moderate breze from S.S.E. - Got underway at 5.46; & stood out of Colonia harbor; - Navigator conning; - At 6.35 took departure - Farallon Light bearing (mag) N.W by W 1/2 W. and Colonia Light N.E. 3/4 N. Set course S.W by S. At 7.52 changed course to W. 1/2 S., patent log reading 10.5.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian

Cloudy, first part, clearing last part. Light airs to gentle breezes from S.S.E. (1st) S.E. At 8.20 changed course W. 1/2 N.; steaming into Canal under directions of the Navigator. At 8.46 called all hands bring ship to anchor, (1st) anchored at 8.57, in 22 fr. water, and 30 fathoms port chain. At 9.30 mustered at quarters (1st) exercised divisions as follows -; 1st Div, single sticks; 2nd Div, Artillery; 3rd Division, oral instruction; Navigators Div, infantry; Powder Div, oral instruction. Fires banked.

Cyrus Crane
Ensign U.S.N.

Meridian to 4 P.M.

Fair. Gentle breze from E.S.E. to the East. At 2.30 rec'd pratique and pilot. Spread fires and at 2.43 called all hands up anchor, got under way at 2.50, pilot conning, (2nd) stood into Buenos Ayres. At 3.3 exchanged numbers with USS Tallapoosa.

W. T. Hulme
Ensign U.S.N.

4 to 8 P.M.

Fair, Light (2nd) gentle breezes from East to S.S.E. Steaming into dock under directions of pilot. Moored ship to dock in Buenos Ayres. Drafts of ship forward 13-4. Aft. 16 ft 5 in, Midships 14-1, Hauled fires.

Cyrus Crane
Ensign U.S.N.

8 P.M. to Midnight

Clear and pleasant. Light airs to light breeze from E.S.E. to S.E. At 8 P.M., stopped distilling

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

G. K. Dennis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Buenos Ayres AR.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	S.S.E.	2			30-07	72	62	59		hc	cir cum	8	
2				"	"	2			30-07	71	60	58		"	"	8	
3				"	"	2			30-07	67	60	58		"		9	
4				"		2			30-07	67	60	58		"		9	
5				"		2			30-07	67	58	56		"	cum	9	
6				"	"	2			30-06	62	59	57		"	"	9	
7				"	"	2			30.07	65	62	60		"	cir cum	7	
8				"	"	2			30-07	66	65	61		"	cir cumph.	7	
9				"	E.S.E.	2			30-06	70	69	66		"	"	6	
10				S.E by E.	East.	1			30-07	71	70	68		"	"	5	
11				"	N.E.	1			30-07	72	70	69		"	"	5	
Noon.				"	"	1			30-07	73	71	69		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 460 gallons.

Water distilled during the preceding 24 hours, 625 "

Water remaining on hand fit for use at Noon, 2912 "

Coal consumed during the preceding 24 hours, 1 tons 860 lbs.

Coal remaining on hand at Noon, 107 " 624 "

P. M.																	
				E.S.E													
1				"	N.E.	1			30.06	73	72	65		hc	cirph	5	
2				"	"	1			30-06	73	72	65		"	"	5	
3				"	"	1			30-06	73	72	65		"	"	7	
4				"	"	3			30-04	74	72	66		"	"	7	
5				"	E.N.E.	3			30-04	73	72	65		"	"	6	
6				"	"	3			30-04	73	70	64		"	"	4	
7				"	"	4			30-04	73	70	63		"	"	4	
8				"	"	4			30-04	73	70	63		"	"	6	
9				"	"	3			30-04	73	69	63		"	"	6	
10				"	"	3			30-04	72	69	62		"	"	6	
11				"	"	3			30-03	72	69	62		"	"	7	
Mid.				"	"	4			30-03	72	68	63		"	"	8	

under the command of A. S. Snow Commander, U. S. Navy,
Saturday, December 19th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Bright moonlight. Light breeze from S.S.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Light breezes from S.S.E. Executed morning orders. Tallapoosa made volunteer signals at 7.00.

Grassione
Ensign, U.S.N.

8 A.M. to Meridian
Fair. Light airs from S.E. to N.E. — Re-moored ship — Received boarding visit from Italian gunboat.

W. O. Hulbert
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs to gentle breeze from N.E. Sent an officer to pay an official call aboard the Sebastiano Veniero. Sent liberty party ashore. The Comdg Officer adjudged the following punishments, — P. Doughety (Pvt. M.C.) 3 hours overtime, — 4th Class, 2 mos.; G. W. Mercer (Lds) 60 hours overtime, — 4th Class 3 mos.; D. Milliken (Caps & Lds), Returning from liberty — full —, 2nd class 1 week; M. Rodrguez (Lds), Taking blanket off line without permission 2 mid watches; E. J. Miller (Barber), Returning from liberty — full, with quarantine; — Jno. F. Alvey (Dr. Sr.), Neglect of duty, 4th class 2 months. A. B. Jacks (Pvt. M.C.), Disobedience of orders, 5 days; bread and water.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy — Gentle to moderate E.N.E. breeze

W. O. Hulbert
Ensign, U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle to moderate breeze from E.N.E.

Geo. F. W. Holman
Lieut, U.S.N.

Examined and found to be correct.

G. K. Lemon
Lieut, Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E	N.E.	3			30-03	70	68	63		bc	cir str	6	
2				"	"	3			30-03	73	68	63		"	"	8	
3				"	"	3			30-03	73	67	63		"	"	6	
4				"	"	3			30-03	73	67	63		"	"	6	
5				"	"	3			30-03	70	67	64		"	"	4	
6				"	"	3			30-03	70	67	63		"	"	4	
7				"	"	3			30-03	70	68	64		"		2	
8				"	E.N.E	3			30-03	69	68	64		oc	cir str nim	0	
9				"	"	4			30-04	70	68	63		"	cum nim	0	
10				"	"	3			30-04	70	68	63		"	"	0	
11				"	"	3			30-04	70	69	63		"	"	0	
Noon.				"	East	3			30-05	70	69	62		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 395 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 25-17 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 107 " 224 "

P. M.																	
1				SE by E	East	2			30-05	70	69	62		oc	nimb	0	
2				"	"	2			30-04	72	69	62		"	"	0	
3				"	E.S.E.	2			30-05	72	70	64		"	"	0	
4				"	"	2			30-05	72	69	63		"	"	0	
5				"	E by S.	2			30-06	71	68	63		"	cir cum	0	
6				"	East	2			30-05	70	68	62		"	"	0	
7				"	E.S.E.	2			30-05	71	68	62		"	"	0	
8				"	"	2			30-06	72	67	62		"	"	0	
9				"	S.S.E.	3			30-07	75	68	63		"	"	0	
10				"	"	3			30-09	75	68	63		"	"	0	
11				"	S.E.	3			30-10	70	68	63		"	"	0	
Mid.				"	"	3			30-10	75	68	63		"	"	0	

under the command of A. S. Snow Commander, U. S. Navy,

Sunday December 20th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mid't to 4 A.M.
Partly cloudy pleasant weather. Moonlight, Gentle breeze from N.E.

F. F. Wiener
Lieut, U.S.N.

4 to 8 A.M.
Cloudy. Gentle N.E breeze. Cleaned up ship for Sunday inspection. Recd for use of Crew 106 4/16 lbs of Beef, + vegetables and 85 lbs. bread. Paymaster W.W. Barry U.S.N. returned from leave.

W. Welmer
Ensign, U.S.N.

8 A.M to Meridian
Overcast. Moderate to gentle breeze from E.N.E. At 9.30 had divisional inspection and quarters at 10. The Commanding Officer of the Sebastiano Veniero, paid an official visit aboard.

Geo. F. Holman
Lieut U.S.N.

Meridian to 4 P.M.
Cloudy but pleasant. Light breeze from East to E.S.E.

F. F. Wiener
Lieut, U.S.N.

4 o'clock to 8 P.M.
Overcast. Light breeze from East, to E.S.E.

Geo. F. Holman
Lieut U.S.N.

8 P.M to Midnight.
Cloudy, Threatening rain. Gentle breeze from S.S.E, and S.E.

F. F. Wiener
Lieut U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E	S.E.	1			30-08	75	67	63		b.c.	cir. cum.	7	
2				"	"	2			30-08	75	67	63		"	"	2	
3				"	"	2			30-09	75	67	63		o.c.	cum. nimb.	0	
4				"	"	2			30-09	74	66	62		b.c.	"	4	
5				"	S.S.E	2			30-12	73	65	61		"	"	5	
6				"	"	2			30-13	67	62	59		"	cir. cum.	7	
7				"	"	3			30-14	66	63	59		"	"	8	
8				"	S.E	3			30-16	69	67	61		"	"	8	
9				"	N.E.	2			30-17	71	70	64		"	"	5	
10				"	"	2			30-19	72	71	65		"	"	5	
11				"	"	2			30-19	72	72	65		"	"	7	
Noon.				"	"	2			30-19	73	72	66		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 569 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1948 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 106 " 2064 "

P. M.																	
1				E.S.E.	N.E.	3			30-20	72	71	65		b.c.	cir. cum.	8	
2				"	E.N.E.	3			30-20	73	71	64		"	"	4	
3				"	"	4			30-20	73	71	66		"	"	7	
4				"	"	4			30-19	72	71	64		"	"	7	
5				"	East.	4			30-19	73	71	64		"	"	8	
6				"	"	4			30-19	72	70	64		"	"	8	
7				"	"	4			30-19	72	68	62		"	"	7	
8				"	"	3			30-20	74	67	61		"	"	6	
9				"	"	3			30-26	75	66	61		"	"	9	
10				"	"	3			30-29	75	64	60		"	"	9	
11				"	"	4			30-29	73	62	59		"	"	9	
Mid.				"	"	3			30-29	72	62	58		"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,

Monday, December 21st, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Cloudy. Light airs to light breeze from S. E.

Geo. Luxton
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant; light to gentle breeze from S.E. and S.E.
Received in Pay Dept, 106 lbs. fresh Beef, 106 lbs, vegetables and 85 lbs bread.

W. Ry Mason Field.
Ensign U.S.N.

8 A.M. to Meridian.
Fine pleasant weather. Light breeze from N.E. At 9.30, mustered at quarters and exercised as per routine. J B Nolan (Pvt Mc) absent without leave. Comdg Officer paid an official visit to Italian gunboat Sebastiano Veniero.

F. A. Wilner
Lieut U.S.N.

Meridian to 4 P.M.
Clear and fine; gentle to moderate breeze from N.E. and E.N.E.
G. V. Mercier (Ldsm), was discharged at his own request.

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Moderate breeze from East. At 6.0, President Pellegrini passed through the docks after the opening of Dock No 3 — Dressed ship, rainbow and manned yards at 6.10 and 6.30

F. A. Wilner
Lieut U.S.N.

8 P.M. to Midnight.
Clear and fine, gentle to moderate breeze from East

W. Ry Mason Field.
Ensign U.S.N.

Examined and found to be correct.

le. K. Lemos
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Buenos Ayres, S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E	E.S.E.	3			30-28	70	61	58		fc.	cir cum	7	
2				"	"	3			30-28	69	59	56		"	"	7	
3				"	S.S.E.	3			30-28	65	57	54		"	"	9	
4				"	South	3			30-28	63	56	53		"	"	9	
5				"	"	2			30-28	63	54	52		"	cum	9	
6				"	"	2			30-28	62	56	53		"	"	9	
7				"	"	2			30-28	61	58	56		"	"	10	
8				"	"	2			30-30	64	62	58		"	"	9	
9				E.S.E	E.S.E	2			30-33	67	67	62		"	cir cum	7	
10				"	"	2			30-34	68	69	62		"	"	7	
11				"	East.	2			30-34	69	70	63		"	"	7	
Noon.				"	"	2			30-32	70	70	64		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1686 "

Coal consumed during the preceding 24 hours, tons 4 50 lbs.

Coal remaining on hand at Noon, 106 " 1664 "

P. M.														
1		E.S.E	East	2		30-32	71	71	65	fc.	cir cum	6.		
2		"	"	3		30-32	72	71	64	"	"	6		
3		"	"	3		30-32	72	71	65	"	"	5		
4		"	"	2		30-31	72	70	64	"	"	5		
5		"	"	2		30-30	72	71	64	"	"	7		
6		"	"	3		30-30	74	69	63	"	"	7		
7		"	"	3		30-30	70	68	62	"	"	7		
8		"	"	3		30-30	72	68	62	"	"	7		
9		"	"	3		30-29	73	67	62	"	"	8		
10		"	"	2		30-30	73	67	63	"	"	6		
11		"	"	3		30-30	73	67	61	"	"	5		
Mid.		"	"	4		30-29	73	66	62	"	"	2.		

under the command of A. S. Snow, Commander, U. S. Navy,

Tuesday, December 22nd, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant; barometer steady; gentle variable breeze.
J. J. Hawkins
Lieut, U.S.N.

4 A.M. to 8 A.M.
Clear and pleasant. Light breeze from South.
H. A. Wiener
Lieut, U.S.N.

8 A.M. to Meridian.
Fair and pleasant; light breeze from E.S.E. and East. Mustered at quarters. And exercised at fire quarters. 1st Stream 1 min. 50 sec; 2nd Stream 1 min. 56 sec; - 3rd Stream 2 min 10 sec; - 4th Stream, 3 m. 15 s.
J. B. Nolan (Pvt. M.C.) Absent without leave, Loosed sail.
W. Ray Mason Field.
Ensign, U.S.N.

Meridian to 4 P.M.
Generally clear and pleasant. Light to gentle breeze from East
J. J. Hawkins
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant, light to gentle breeze from East.
W. Ray Mason Field.
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant; - cloudy at end of watch, - Barometer steady - Gentle to moderate breeze from E.
J. J. Hawkins
Lieut U.S.N.

Examined and found to be correct.

L. K. Jennison
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	East.	4			30-29	73	67	62		o.c	cir.cum	0	
2				"	"	4			30-28	72	67	62		bc	"	2	
3				"	N.E.	4			30-28	71	67	62		"	"	2	
4				"	"	4			30-28	71	67	62		"	"	4	
5				"	"	3			30-29	70	67	62		"	"	2	
6				"	N.N.E.	3			30-28	70	66	61		"	"	8	
7				"	"	2			30-28	68	68	62		"	"	9	
8				"	"	3			30-32	68	70	63		"	cir	9	
9				"	"	3			30-30	70	71	64		"	"	8	
10				"	"	2			30-28	71	72	65		"	"	8	
11				"	N.E.	2			30-26	71	72	64		"	"	7	
Noon.				"	E.N.E.	2			30-25	72	72	64		"	"	7	
						9											

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 662 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1024 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 106 " 1260 "

P. M.																	
1				E.S.E.	E.N.E.	1			30-24	72	71	64		bc	cirpth	5	
2				"	East	2			30-22	72	71	63		"	"	3	
3				"	"	2			30-21	72	71	63		"	"	3	
4				"	"	2			30-19	72	71	63		"	"	5	
5				"	"	2			30-17	72	70	64		"	"	1	
6				"	"	2			30-16	71	70	64		"	"	1	
7				"	"	3			30-16	73	70	64		"	"	4	
8				"	"	3			30-16	74	70	64		"	"	5	
9				"	E.N.E.	3			30-14	76	69	64		"	"	7	
10				"	"	3			30-14	78	69	64		"	"	9	
11				"	"	3			30-14	77	69	64		"	"	9	
Mid.				"	N.E.	4			30-13	76	69	63		"	"	8	

under the command of A. S. Snow, Commander, , U. S. Navy,

Wednesday December 23rd., 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy - Moderate breezes from East and N.E.

P. McKone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant; gentle to light breeze from N.E. and N.N.E.
Received in Pay Dept 103¾ lbs. fresh beef. 103¾ lbs vegetables and 8¾ lbs soft bread.

W. Ray Mason Field
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant, - barometer falling slowly; - gentle to light breeze from N. and E. At 9.30 quarters, - no absentees. Battalion drill.

J. T. Murphy
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Light airs and breezes from E.N.E. to East, sent liberty party ashore. Started fires in distilling boiler.

P. McKone
Ensign U.S.N.

4 to 8 P.M.
Cloudy and pleasant; - barometer steady; - light to gentle breeze from East.

J. T. Murphy
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle and moderate breezes from E.N.E. and N.E.

P. McKone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.E.	4			30-12	76	68	63		hc.	cir cum	6	
2				"	"	4			30-12	75	67	63		"	"	4	
3				"	"	4			30-11	73	67	62		"	"	5	
4				"	"	4			30-11	73	67	62		bcp.	"	2	
5				"	N.W.	3			30-11	73	68	64		ocm	cum nim	0	
6				"	"	3			30-11	69	68	64		ocp	"	0	
7				"	"	3			30-11	69	68	65		"	"	0	
8				"	North	3			30-11	70	69	65		oc.	"	0	
9				"	"	1			30 11	70	69	65		hc.	"	1	
10				"	N.N.W.	1			30-10	72	71	67		"	"	4	
11				S.E by E	North	1			30-10	72	72	67		"	"	4	
Noon.				"	"	1			31-09	72	73	68		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 48 gallons.

Water distilled during the preceding 24 hours, 1288 "

Water remaining on hand fit for use at Noon, 18288 "

Coal consumed during the preceding 24 hours, 1 tons 360 lbs.

Coal remaining on hand at Noon, 105 " 904 "

P. M.												
1	E.S.E.	North	2	30-08	73	74	67	hc.	cir cum	6	
2	"	N.E.	2	30-06	74	74	66	"	"	6	
3	"	E.N.E.	2	30-05	76	74	66	"	"	6	
4	"	"	2	30-02	76	75	67	"	"	4	
5	"	"	3	30-01	76	75	68	"	"	6	
6	"	"	3	30-01	75	74	68	"	"	5	
7	"	"	3	30-00	74	72	68	"	"	5	
8	"	"	3	29.99	75	72	67	"	"	8	
9	"	"	4	30.00	78	72	67	hc.	none	10	
10	"	"	4	30-00	78	72	67	"	"	10	
11	"	"	4	30-00	77	72	67	"	"	10	
Mid.	"	"	3	30-00	76	72	68	"	"	10	

under the command of A. S. Snow Commander, , U. S. Navy,

Thursday December 24th , 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy & Moderate N.E. breeze. Passing showers last hour.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Overcast - shower at 5.30; - gentle N breeze

J.T. Newton
Lieut U.S.N

8 A.M. to Meridian
Cloudy - Light airs from North & N.W. At 9.30 mustered at quarters, and at 9.37 called away all boats, armed and equipped for distant service; times as follows, viz; 1st Cutter 2 min. - 2 sec; 2nd Cutter 3 min 39 sec; Whale boat, 3 min. 09 sec; Gig 1 min. 15 sec; Steam Launch, 3 min; 10 seconds; Sailing launch 3 min. 39 seconds. Rec'd from U.S.S. Tallapoosa, - (1 mt. 5 Horses, (2 ds) with necessary transfer papers.

D. Winston
Ensign, U.S.N.

Meridian to 4 P.M.
Fair, light breeze from the North to E.S.E.
Asst. Engr. Rochester, U.S.N. left ship on 4 days leave

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Partially cloudy. - Gentle breezes from E.N.E.

D. Winston
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant. Moderate E.N.E. breeze

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

G.K. Lewis
Lieut - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E	N.N.E	4			29-99	76	71	66		b.c.	cir cum	7	
2				"	"	4-5			29-96	76	70	66		"	"	8	
3				"	"	4-5			29-96	75	70	66		"	"	8	
4				"	North	5			29-95	75	70	66		"	"	7	
5				"	"	4			29-97	74	70	67		bc	"	5	
6				"	"	4			29-98	73	70	67		"	"	2	
7				"	"	4			29-98	72	70	67		"	"	1	
8				"	"	4			29-99	72	71	68		"	"	1	
9				"	"	4			30-01	73	72	69		oc.	cum nimb	0	
10				"	N.W.	3			30-02	73	72	68		bc.	"	1	
11				"	"	3			30-02	73	72	67		oc	"	0	
Noon.				"	West	3			30-01	72	72	68		o.c.	"	0	

Course and distance made good since preceding noon by observations, knots, tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 560 gallons.

Water distilled during the preceding 24 hours, 1828 "

Water remaining on hand fit for use at Noon, 2992 "

Coal consumed during the preceding 24 hours, 1 tons 560 lbs.

Coal remaining on hand at Noon, 104 " 344 "

P. M.														
1			E.S.E.	South	1			30-02	73	71	68	o.c.	nim	0
2			"	"	1			30-02	72	71	68	oc.	cum nimb	0
3			"	E.N.E	1			30-01	72	71	68	fc.	"	1
4			"	E.N.E	1			30-00	72	71	67	"	"	2
5			"	E.S.E	1			29-98	74	72	68	"	"	3
6			"	"	1			29-97	75	72	68	"	circum	6
7			"	"	1			29-98	75	72	67	"	"	6
8			"	"	1			29-98	74	71	66	"	"	6
9			"	"	1			29-99	74	72	68	"	Cost	8
10			"	"	1			29-99	80	72	68	"	"	8
11			"	"	2			29-99	77	71	66	"	"	8
Mid.			"	"	2			29-98	74	69	66	b.c.	"	7

under the command of A. S. Snow Commander, U. S. Navy,
Friday December 25th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Moderate to stiff breeze from NNE., to North. Heat lightning in the S.W.

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Moderate breeze from North. Received on board Dept. 105 lbs., fresh beef and vegetables, and 84 lbs. fresh bread.

D. McStone
Ensign U.S.N.

8 A.M. to Meridian
Overcast. Moderate to light breeze from the North to N.W. Absentees without leave, Pte A. Jones (Pm) and R. Sherlock (Pm).

M. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Overcast first part, with rain first hour. Beginning to clear latter part. Light airs from South, shifting to E.S.E. At 2.15 P.M. Stm'r Lynch, returning drunk from Liberty and fighting, was put under Sentry's charge until sober. The Argentine despatch boat, "La Argentina" went out.

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Fair. Light-airs from E.S.E.

M. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight
Clear and pleasant. Heavy dew latter part. Light airs and breezes from E.S.E.

Geo. L. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hunter
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres S.A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.				ESE	South	1			29 98	74	68	65		bw	none	10	
1				"	"	1			29 95	70	68	65		bw	cir cum	9	
2				"	"	1			29 95	70	66	64		"	"	6	
3				"	"	1			29 95	68	66	64		"	"	2	
4				"	"	2			29 95	69	66	64		bcm	"	2	
5				"	"	2			29 92	69	66	65		"	"	2	
6				"	"	2			29 93	69	67	66		"	"	2	
7				"	"	2			29 93	70	68	67		"	"	2	
8				"	"	2			29 92	71	70	68		oc	cum nimb	0	
9				SE.	SE.	2			29 95	72	70	69		oc	cu nimb	0	
10				SW.	SW.	3			29 95	72	71	70		oc	"	0	
11				SSW.	SSW.	3			29 91	72	72	70		bc	Cir Cum mi	2	
Noon.																	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 490 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 25 02 "

Coal consumed during the preceding 24 hours, tons 8 lbs.

Coal remaining on hand at Noon, 103 "/754 "

P. M.												
1		S. E by E	ESE.	1	29 88	74	73	70	oc	cir cum mi	0	
2		"	"	2	29 83	75	74	71	bc	"	4	
3		"	NE.	1	29 84	75	74	72	"	"	5	
4		"	North	1	29 84	74	74	72	oc	"	0	
5		"	East	1	29 84	75	74	72	bc	"	4	
6		"	"	1	29 83	75	74	71	"	"	4	
7		"	West	2-5	29 83	76	73	71	bcg	"	4	
8		"	WSW.	3	29 83	75	72	68	bc	"	5	
9		"	West.	3	29 83	75	70	66	"	"	7	
10		"	"	4	29 83	74	69	65	oc	nimb	0	
11		"	"	4	29 83	74	68	64	"	"	0	
Mid.		"	NW.	4	29 81	74	67	63	"	"	0	

under the command of A. S. Snow Commander, U. S. Navy,

Saturday December 26th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Clear first part - cloudy latter part - Heavy dew. Light air to light breeze from South.

F. A. Wiener
Lieut. U. S. N.

4 to 8 a.m. Cloudy. Light breeze from the South: Executed morning orders. Tallapoosa signaled Affir 16 Neg 9 posit - is -

W. O. Hulme
Ensign U. S. N.

8 A.M. to Meridian

Overcast. Light drizzle first hour, and then heavy rain with thunder & lightning until 10.30. The following named men were absent without leave, A. Jones & R. Sherlock (privates M.C.) P. Hand (W.T.) — L. Heidman (Sea); Dan'l McLean (A); J. Spear (C.F.); D. Milliken (Cap Hold), J. J. Simonson (Cp.F.); J. A. Parsons (Sergt M.C.).

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Generally cloudy but pleasant until last hour. Light airs to light breezes from E.S.E. shifting to N.E. & to North last hour.

F. A. Wiener
Lieut. U.S.N.

4 o'clock to 8 P.M.

Clearing. Light airs from East until 7, when the wind hauled rapidly to West, increasing in force to moderate breeze. Heat lightning in the S.W. last half hour.

Geo. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Generally cloudy, with short periods bright starlight. Gentle to moderate breeze from West to N.W. J. Simonson (C.F.) came on board 7 hours overtime: drunk noisy & abusive, & by order of Cond'g Officer he was placed under sentry's charge until sober.

F. A. Wiener
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lemly
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres, S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E	N.W	2			29-74	73	66	63		oc	nimb	0	
2				"	"	3			29-76	73	66	63		ocd	"	0	
3				"	W.N.W.	3			29-74	70	65	62		oc	"	0	
4				"	"	3			29-73	70	64	61		"	"	0	
5				"	"	1-3			29-75	67	63	60		c.c.n.w.	"	0	
6				"	S.W.	2			29-75	64	63	60		bcm	cum nim	2	
7				"	"	3			29-76	64	62	60		ocd	"	0	
8				"	South	4-5			29-80	65	62	61		"	nim	0	
9				"	S.S.W.	5-9			29-82	66	62	59		bcg.	circum	2	
10				"	S. by W.	5-9			29-87	69	65	61		"	"	5	
11				"	"	4-8			29-91	69	65	61		"	"	5	
Noon.				"	"	4-8			29-94	70	71	61		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 460 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 20 42 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 103 " 1384 "

P. M.																	
1				S.E by E.	South	4-8			29-99	72	72	62		bcg.	circum	3	
2				"	"	4-7			30-00	72	73	62		"	"	6	
3				"	"	4-7			30-00	73	73	63		"	"	6	
4				"	"	4-6			30-00	74	74	63		"	"	8	
5				"	"	3-4			30-00	75	74	63		"	"	7	
6				"	"	3			30-00	75	74	64		bc	"	9	
7				"	S.S.W.	2			30-00	74	73	65		"	"	9	
8				"	"	1			30-02	78	73	65		"	"	9	
9				"	"	1			30-01	78	72	65		b	none	10	
10				"	"	1			30-01	78	72	65		"	"	10	
11				"	"	1			30-02	78	71	64		"	"	10	
Mid.				"	"	1			30-02	76	71	63		"	"	10	

under the command of A. S. Snow Commander, U. S. Navy,
Sunday December 27th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy until 4 A.M.
Overcast and drizzling. Light & gentle breeze from N.W. by W. N. W.

W. Ray Mason Jr.
Ensign U.S.N.

4 o'clock to 8 A.M.
Overcast. Light airs to gentle breeze from N. by N. W. shifting at 5.15 to S.W. and increasing in force to moderate breeze with stiff squalls. Light mist and drizzle first part. J. J. Simonson (Cap F.C.) being sober, was released from confinement. H. R. Dickson (O.S.) was discovered to be missing from the ship. Received on board for use of crew 91 1/4 lbs. each of fresh beef and vegetables - and 70 lbs soft bread.

Geo. L. Wadleigh
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy, pleasant weather. Stiff breeze from South to S.S.W. with frequent very strong squalls. At 9.30, inspected at quarters; H. S. Jones, W. R. Sherlock, Private Mc D. A. G. Hubbard (private), W. E. Norrath (sergt); D. S. Milliken (Capt Hold), A. Nordman, (Seaman); H. R. Dickson (O.S.); J. J. Brennahan (Jr. of Dust); P. Hand, (M. Tender), W. D. McLain (Ck), absent without leave.

Geo. L. Wadleigh
Lieut, U.S.N.

Meridian to 4 P.M.
Clear and pleasant: Moderate to very strong breeze from South. Private H. A. Jones, returned from leave 5 7/ hours overtime.

W. Ray Mason Jr.
Ensign, U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant weather. Gentle to light breeze from South to S.S.W. with light squalls first hour.

Geo. L. Wadleigh
Lieut, U.S.N.

8 P.M. to Midnight.
Clear and pleasant: light airs from S.S.W. J. J. Brennahan (Jr of Dust) returned from liberty, 13 1/2 hours overtime.

W. Ray Mason Jr.
Ensign U.S.N.

Examined and found to be correct.

W. K. Lemly
Lieut: Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd. Rate,

Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E	W.N.W.	2			30-03	74	69	63		h.	none	10	
2				"	"	2			30-03	72	69	62		"	"	10	
3				"	"	2			30-03	72	68	62		"	"	10	
4				"	West	2			30-03	72	68	61		bc	cir cum	9	
5				"	"	2			30-03	69	67	61		"	cum	9	
6				"	"	2			30-03	67	68	61		"	"	9	
7				"	"	3			30-04	68	70	64		bcm	"	9	
8				"	"	3			30-04	70	72	65		bm		10	
9				"	"	2			30-04	74	75	67		bc.	cir cum	9	
10				"	"	3			30-04	75	77	67		"	"	9	
11				"	N.W.	1			30-03	78	79	67		"	"	8	
Noon.				"	North.	2			30-03	78	79	71		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1562 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 103 " 984 "

P. M.																	
1				S.E. by E.	N.N.W	2			30-01	78	79	71		bc	cir cum	6	
2				"	"	3			29-99	79	80	70		"	"	5	
3				"	"	2			29-97	79	79	72		"	"	5	
4				"	"	2			29-97	78	79	71		"	"	7	
5				"	"	3			29-95	81	80	70		"	"	6	
6				"	"	3			29-96	80	80	70		"	"	6	
7				"	"	3			29-96	80	79	70		"	"	6	
8				"	"	3			29-97	82	79	69		bcl	"	4	
9				"	N.W.	2			29-98	82	79	69		"	"	2	
10				"	W.N.W.	1			29-99	81	79	69		"	nimbus	2	
11				"	S.S.W.	2			29-99	78	77	69		"	"	6	
Mid.				"	"	1			29-98	78	76	69		"	"	6	

under the command of A S Snow Commander, U. S. Navy,
Monday December 28th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.
Clear and pleasant; — barometer steady; — light breze from W.N.W., and W. —

J T Howard
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Light to gentle breze from West. — Received 93½ fresh beef, 93¾ lbs vegetables, and 75 lbs. soft bread by Dept. for issue to crew. Loosed sail to dry.

[illegible]
Lieut, U.S.N.

8 A.M. to Meridian.
Clear and [illegible]. Light airs to gentle breezes from West to North. Mustered at quarters and exercised divisions per routine. Catamaran's crew touched up Port side. — The following men were absent without leave, Sherlock R. (Private M.C.), Milliken D.S. (Capt. Hold), McLain D. (C.T.), Heidman H. (Sea), Hand P. (W.T.), Storrath E. (Sergeant M.C.), Hubbard W.T. (Private M.C.), Dickens H.R. (O.S.), Robinson J.C. (Ships Corporal); — Asst. Engineer W Koester, returned from leave

W. Ry Mann Ensign.
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant — barometer falling slowly — light to gentle breze from S.W. — The Commanding Officer adjudged the following punishments viz: — Burtelson P. (Sea), Clothes adrift about deck, night watch; — Brown L.R. (Sea Appr 2cl), inefficiency — not being able to handle catamaran, Two months in Catamaran; — ~~D~~ Nolan (Private M.C.), 38 hours overtime, Reduced to 4th class, 2 mos, and ½ Monthly Money; — Stein E (Sea), fighting, — 2nd, class, two months; — Driscoll, M (C.T.), drunk, — 45 min, overtime; — 2nd class, one month; — Parsons, J.A. (Sergeant M.C.) 8 hours, over-time, — ~~Of~~ Special Class, Two weeks; — Simonson J.J. (Capt Cat Forecastle) Returning from liberty 7 hours overtime, drunk noisy and abusive, — Disrated, (to Seaman), and reduced to 4th class, 3 months and ½ Monthly Money; — Jones M.A. (Private M.C.) 5 hrs, overtime, — 4th class, 3 months; — J. Bresnahan (Jack of Dust), Tight and 13½ hours overtime, — 3d, class, 2 months; N. Hansen (Sea), Tight and ½ hrs. overtime, 2nd class, 1 month; F. Johnson (Capt A.G.) drunk and 1½ hrs, overtime 2nd class, 1 month; — J.T. Spear (Capt. F.C.), 8½ hrs. overtime, 2nd class, 1 month; — R Pentecost (Sea), ½ hour overtime, 10 days, 2nd class

J T Howard
Lieut U.S.N.

4 to 8 P.M.
Fair and pleasant; gentle breeze from S.S.W. D Milliken, (Capt), returned on board 5 6 hrs overtime.

W. Ry Mann Ensign
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant barometer steady variable light breze
Examined and found to be correct. — Hand, Peter, (W.T.) McLain D. (C.T.), and Robinson J.C. (Ships Corporal), 60 hours, 62 hours and 1½ hrs overtime re-spectively, returned on board.

J T Howard
Lieut U.S.N.

G. K. Lemon Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres, S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E.	Calm	0			29.98	79	75	69		bcl	cumstr	9	
2				"	West	1			29.98	78	74	67		"	"	9	
3				"	"	1			29.98	77	74	67		"	"	9	
4				"	"	1			29.97	76	73	66		b.	"	10	
5				"	W.N.W.	3			29.97	75	73	67		bc.	cum	8	
6				"	"	3			29.98	73	73	67		bcm.	"	9	
7				"	"	3			29.98	73	74	68		"	"	9	
8				"	West	3			29.99	74	77	68		"	cir str	8	
9				"	WSW.	3			29.99	79	79	69		"	"	8	
10				"	SW.	3			29.99	80	80	68		"	"	8	
11				"	"	3			29.99	81	81	68		"	"	9	
Noon.				"	"	3			29.97	82	82	69		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 570 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1052. "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 103 " 584 "

P. M.												
1		S.E. by E	S.W.	3	29.99	89	83	69	bc	cr str	8	
2		"	"	3	29.98	84	83	69	"	"	7	
3		"	"	4	29.98	84	84	68	"	"	7	
4		"	"	3	29.97	84	83	69	"	"	5	
5		"	S.S.W.	2	29.96	83	82	68	"	"	5	
6		"	"	2	29.95	83	81	67	"	"	5	
7		"	"	1	29.96	81	79	67	"	"	5	
8		"	"	1	29.94	81	78	67	"	"	5	
9		"	W.S.W.	2	29.96	81	77	67	"	"	9	
10		"	"	2	29.96	79	75	67	b	none	10	
11		"	S.W.	2	29.96	75	72	65	"	"	10	
Mid.		"	"	2	29.96	74	71	65	"	"	10	

under the command of *T. L. Snow, Commander*, U. S. Navy,

Tuesday December 29th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (9m) *until 4 A.M.*

Clear & pleasant lightning to S.E., & E. Calm to light airs from West. R. Sherlock (Private M.C.) returned on board 9 1/4 hrs overtime.

D. Magruder
Ensign U.S.N.

4 to 8 A.M.

Clear & fine; gentle breeze from W.N.W. Executed morning ~~orders~~.

W. Ry Rain Field
Ensign, U.S.N.

8 A.M. to Meridian

Bright & pleasant; barometer steady; gentle breeze from W.S.W. and S.W. Mustered at quarters 9.30; absentees without leave ——, Dickem H. R. (OS), Snowath E. (Sergt M.C.), Hubbard G.W. (Priv M.) & Heidmand (Cook) Had fire quarters; 1st stream — 0 min. 50 sec; 2nd stream - 1 min — 0 sec.; 3rd - stream, — 1 min 20 seconds.

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Gentle & moderate breezes from S.W. Sent liberty party ashore. U.S.S. Magpie came into the Arsenal.

D. Magruder
Ensign, U.S.N.

4 to 8 P.M.

Clear & pleasant — barometer steady - light breeze & light airs from S. S.W.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight

Clear and pleasant. Light breezes from W.S.W & S.W. Snowath, E. (Sergt M.C.) & Hubbard, W.G., returned on board 6 2 1/2 hours overtime; Started fires under distilling boiler & began distilling

D. Magruder
Ensign U.S.N.

Examined and found to be correct.

L. K. Jennison
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres. S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SEby E	SW	1			29-96	73	69	64		t	none	10	
2				"	"	1			29-95	70	68	64		"	"	10	
3				"	"	1			29-95	69	67	63		"	"	10	
4				"	Calm	0			29-95	68	67	63		te	cir cumi.	9	
5				"	"	0			29-95	70	67	63		"	"	9	
6				"	"	0			29-94	70	66	62		"	"	9	
7				"	"	0			29-95	69	69	65		"	"	9	
8				"	"	0			29-95	70	71	68		"	"	9	
9				"	"	0			29-97	74	73	69		"	"	9	
10				"	"	0			29-97	76	75	70		"	"	5	
11				"	North	2			29-97	76	70	70		"	"	5	
Noon.				"	"	2			29-97	77	76	69		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water Distilled — during the preceding 24 hours, 1188 "

Water remaining on hand fit for use at Noon, 1780 "

Coal consumed during the preceding 24 hours, 1 tons 60 lbs.

Coal remaining on hand at Noon, 102 " 524 "

P. M.																	
1				SEby E	NNW	3			29.96	78	78	71		fair	cirrus	4	
2				"	"	2			29-93	77	77	71		"	"	4	
3				"	North	2			29-93	78	78	72		"	"	4	
4				"	NNE	3			29-91	78	78	72		"	"	4	
5				"	"	2			29-90	78	78	72		"	"	4	
6				"	NE	2			29-90	78	78	72		"	"	6	
7				"	"	2			29-90	78	77	71		"	"	6	
8				"	"	1			29-89	79	77	71		"	"	7	
9				"	"	1			29-90	80	77	72		"	"	8	
10				"	"	1			29-91	81	77	72		fair	rain	10	
11				"	NW	1			29-91	79	77	72		"	"	10	
Mid.				"	"	1			29-91	79	76	70		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Wednesday, December 30th, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Gentle & A.M.

Clear & pleasant Light airs from S.W. Calm last hour Distilling.

Jno. Lud Holman
Lieut, U.S.N.

4 to 8 A.M.

Clear & pleasant; barometer steady; calm; received in Pay Department for issue to crew, 101 4 lbs each of fresh beef & vegetables, and 8 lbs soft bread.

J. Wm Cowles
Lieut U.S.N.

8 A.M. to Meridian.

Clear first hour; Clouding last part. Calm to light breeze from North. At 930 mustered at quarters and found the following men absent without leave. Carmichael W. (Mach) Dickson H.R (S). Robinson O. (Ch. C.M.) Receiving stores. Pay Dept. for Marine Guard, Ordnance & Navigators Stores; Equipment & Engineers stores from Tallapoosa. Robinson (Mach M.) & W. Carmichael (Mach) were brought onboard from the police station, 2 1/2 hrs overtime.

D. Preston
Ensign U.S.N.

Meridian to 4 P.M.

Fair. Light to gentle breeze from N.N.W. to N.N.E. Receiving Ordnance & Equipment stores from Tallapoosa - Distilling

Jno. Lud Holman
Lieut U.S.N.

4 o'clock to 8 P.M.

Fair - Light airs and breezes from N.N.E. and N.E.

Receiving stores from Tallapoosa.

D. Preston,
Ensign, U.S.N.

8 P.M. to Midnight

Clear and pleasant. Light airs from N.E. first part; N.W. latter part —; Distilling.

Jno. Lud Holman
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut; Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E.	S.W.	1			29-91	78	76	71		f.	none	10	
2				"	"	1			29-91	78	76	71		"	"	10	
3				"	"	1			29-90	78	76	71		hazl	cir cum	9	
4				"	North	1			29-90	77	75	71		"	"	8	
5				"	"	1			29-90	77	74	69		fc	"	5	
6				"	"	2			29-90	76	75	70		"	"	7	
7				"	N.N.W.	2			29-90	76	75	69		"	"	8	
8				"	NW.	3			29-91	76	75	68		"	nimb	1	
9				"	"	3			29-93	75	75	68		"	cir nim	3	
10				"	"	3			29-92	77	77	70		"	"	1	
11				"	"	2			29-92	78	78	72		"	"	4	
Noon.				"	N.N.W.	2			29-91	79	79	72		"	"	3	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 490 gallons.

Water distilled during the preceding 24 hours, 1622 "

Water remaining on hand fit for use at Noon, 2912 "

Coal consumed during the preceding 24 hours, 1 tons 264 lbs.

Coal remaining on hand at Noon, 101 " 264 "

P. M.														
1			S Eby E.	N.N.W.	1			2989	79	79	73	hzn	cir cum	4
2			"	"	1			29-88	80	80	74	"	"	4
3			"	N.N.E.	1			29-86	80	81	75	"	"	4
4			"	N.N.W.	2			29-85	80	81	75	"	cir nim	2
5			"	West	2			29-85	80	80	74	fc	cir cum nim	3
6			"	E by E	1			29-85	80	79	73	"	"	3
7			"	N.E.	2			29-85	79	79	73	"	"	3
8			"	"	2			29-85	82	79	74	"	"	2
9			"	East	1			29-86	82	78	74	"	"	2
10			"	Calm	0			29-86	81	78	73	rcl	nim	0
11			"	S.S.W.	1			29-86	80	77	72	rcl	"	0
Mid.			"	South	1			29-90	79	75	71	rcl	"	0

under the command of A. S. Snow, Commander, U. S. Navy,

Thursday December 31st, 1891.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.

Clear & pleasant. Light airs from N.N.W. Occasional lightning. Heavy dew last two hours. Stopped distilling at 4 AM

[redacted]
Lieut U.S.N.

4 AM to 8 AM.

Cloudy. Light airs to gentle breeze from North to N.W. Executed morning orders. — Tallapoosa made routine signals.

D. Mariner
Ensign U.S.N.

8 AM to Meridian.

Cloudy & warm. Gentle to light breze from N.W. to N.N.W. At 9.30 mustered at quarters; absentees — J Corney (Pvt) H R Dickson (O.S.) and J. B. Load (Pvt) Exercised at "Arm and Away" for cutting out. Times:— Sailing Launch 2m. 42s; St. Launch, 1m. 20s. 1st. Cutter, 1m. 53 sec 2nd. Cutter, 3 min. 35 sec: Whale Boat 3 min. 30 sec; & Stg. 3m. 0 sec., The Commanding Officer adjudged the following punishments, viz; Milliken, D.S. (Capt Hoes) Returning from liberty drunk & 56 hrs. overtime, Reduced to 4th class 3 months & ½ Monthly-money; Hand, P. (N.), 60 hours overtime & drunk," "4" " 3 " " to" money. - McLain D. (A) 62 hours overtime, Red. to 4th class 3 months & ½ Monthly-money Robinson J.C. (Ship Corpl) 14 hours overtime, — 2nd class ½ months. - Sherlock R (Cpl M.C.) 91¾ hrs. overtime, — 4th class, 3 months & 2½ Money-money. Olson, P. (Sea) & Berger Carl (Sea) out of uniform — 4 mid-watches each; Heidman H (Sea), 84 hrs. overtime, — reduced to 4th class, 3 months $2½ Monthly-money; — Robinson C. (Chf Gun's Mt.) brought from the police station, 2¼ hours, overtime. (Admiral) 2nd Class - 2 weeks, ¾ (Commander) out of Special Class, 2 weeks. — Horvath E. (Sergt M.C.) & Stuttard W.T. (Asst M.C.) - 62 hours overtime - reduced to 4th class. 3 mos, $2½ Monthly-money (each).

Geo. Zuhlsdorf
Lieut, U.S.N.

Meridian to 4 P.M.

Partly cloudy:- warm & pleasant, — (Very light airs to light breze from W.NW. & N.N.E. Threatening rain last hour.

[redacted]
Lieut U.S.N.

4 o'clock to 8 P.M.

Cloudy:- Light airs and breezes from West. first hour. and from E.N.E. to N.E. latter part.

Geo. Zuhlsdorf
Lieut. U.S.N.

8 P.M. to Midnight.

Overcast with rain latter part. - Light to Sl & N'd., - Calm and very light airs from East and S.S.W. to South.

[redacted]
Lieut. U.S.N.

Examined and found to be correct.

[redacted]
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	South	3-5			29-95	79	72	69		vgd	mist	0	
2				"	"	3-5			29-94	78	69	67		"	"	0	
3				"	"	2			29-93	75	68	66		vgd	"	0	
4				"	N.N.W.	2			29-92	74	69	67		"	"	0	
5				"	"	2			29-93	75	69	66		"	"	0	
6				"	N.N.E.	3			29-89	73	70	67		"	"	0	
7				"	N.E.	2			29-89	74	71	68		ocd	"	0	
8				"	Variable	1			29-88	74	72	68		fr	"	1	
9				"	South	2			29-91	74	73	71		"	"	1	
10				"	"	2			29-90	73	72	69		"	"	1	
11				"	East	2			29-91	75	74	71		"	"	3	
Noon.				"	"	2			29-91	75	74	70		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 495 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2517 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 100 " 2104 "

P. M.														
1			S. E by E.	East	2	29-90	75	75	70		fr	cir str.	6	
2			"	N.E.	2	29-90	77	76	70		"	"	6	
3			"	"	2	29-89	78	77	72		"	"	6	
4			"	"	2	29-89	78	78	72		"	"	7	
5			"	"	1	29-89	79	78	73		"	"	7	
6			"	"	1	29-89	78	77	72		"	"	7	
7			"	"	1	29-89	76	74	70		"	"	8	
8			"	"	1	29-90	80	74	70		"	"	6	
9			"	"	3	29-91	81	74	69		fr.	cir cum	9	
10			"	"	3	29-93	79	74	69		"	"	9	
11			"	"	3	29-94	79	73	70		fr.	"	9	
Mid.			"	N.E.	3	29-94	79	73	69		"	"	9	

under the command of A. L. Snow, Commander, U. S. Navy,

Friday January 1st. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast and raining, with occasional lightning
W. Ry Mann Jr.
Ensign U.S.N.

4 o'clock to 8 A.M.
Overcast: Light rain and single first part: with gentle breezes light airs from N.N.W to N.E. Variable light airs last hour. Received on board for use of crew 101 lbs each fresh beef and vegetables and 81 lbs bread.
Geo. F. Hall Jr.
Lieut, U.S.N.

8 A.M. to Meridian.
Cloudy, warm and pleasant. Light breeze from South to East.
Absentees without leave —; Lord J. B. (Private), Cooney J. (Private), Rodrigues M. (Lds), McKinney E. (Lds).
[illegible]
Lieut U.S.N.

Meridian to 4 P.M.
Fair and hot: light breeze from E and N.E.
W. Ry Mann Jr.
Ensign, U.S.N.

4 P.M. to 8 P.M.
Clear, warm and pleasant — Light airs from N.E.
[illegible]
Lieut U.S.N.

8 P.M. to Midnight
Clear and pleasant; gentle breeze from N.E. to N.N.E.
W. Ry Mann Jr.
Ensign, U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E	East	2			29 96	78	74	70		b	none	10	
2				"	"	2			29-96	78	73	69		"	"	10	
3				"	SE	2			29-96	75	71	68		"	"	10	
4				"	SE	2			29-96	74	70	68		bcm	cr cum	8	
5				"	"	2			29-95	74	67	64		"	"	6	
6				"	"	2			29-96	72	68	65		"	"	6	
7				"	East	1			29-99	73	69	66		b	"	8	
8				"	SSE	1			30-02	75	70	67		"	"	1	
9				"	"	1			30-04	73	70	68		"	"	2	
10				"	"	1			30-04	74	73	70		"	"	6	
11				"	East	1			30-05	76	74	70		"	"	6	
Noon.				"	NE	1			30-06	76	75	72		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 557. gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1060. "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 100 " 1704 "

P. M.														
1		SE by E	NNE	2			30-04	77	77	73		b	cir cumulus	4
2		"	"	2			30-04	78	78	73		"	cir cums.	6
3		"	"	3			30-04	78	78	73		"	"	7
4		"	NE	3			30-04	78	78	73		"	"	8
5		"	East	3			30-04	78	77	70		"	"	9
6		"	"	3			30-04	78	76	68		"	"	9
7		"	"	3			30-04	78	73	65		"	"	9
8		"	"	3			30-04	78	73	65		"	"	9
9		"	"	4			30-04	79	73	66		"	"	9
10		"	"	3			30-05	79	73	66		b.	none	10
11		"	"	3			30-05	79	73	67		"	"	10
Mid.		"	"	3			30-05	79	72	67		"	"	10

under the command of A. S. Snow Commander, U. S. Navy,
Saturday January 2nd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Until 4 A.M.
Clear & pleasant — barometer steady; — light breeze from East & S.E.

J. T. Hunter
Ensign, U.S.N.

4 to 8 A.M.
Clear & pleasant until last hour. Light breze & light puffs from S.E. to East, then S.S.E. last hour.

8 A.M. to Meridian.
Fair & pleasant Variable light airs. Loosed sail to dry. J. Pingree (Ld), was brought on board by the Police. Absent without leave — Load (13) Cts, Cooney J. (Private) Rodriguez M. (Stwd Cook), McKierney E. (Ld), & Parker D. (Ld).

W. Roy Mason Jnd
Ensign, U.S.N.

Meridian to 4 to 8 P.M.
Bright & warm — barometer steady — light to gentle breze from N.N.E. — Antonio Lopez, left Darsena, drawing 20 feet —

J. T. Hunter
Lieut. U.S.N.

4 to 8 P.M.
Clear & fine gentle breze from East.

W. Roy Mason Jnd
Ensign U.S.N.

8 P.M. to Midnight
Clear & pleasant — barometer steady — gentle breze from E.

J. T. Hunter
Lieut. U.S.N.

Examined and found to be correct.

L. K. Leutze
Lieut Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E.	N.E.	4			30-04	78	72	68		b	none	8	
2				"	"	4			30-03	78	71	67		"	"	10	
3				"	"	3			30-03	78	70	66		bc	cir cum	9	
4				"	N.N.E.	3			30-04	78	70	67		"	cir strats	8	
5				"	"	3			30-05	78	69	67		"	"	8	
6				"	"	2			30-04	73	70	68		"	"	7	
7				"	"	2			30-04	78	70	68		"	"	6	
8				"	"	2			30-04	74	72	69		"	cir cum sh	4	
9				"	"	2			30-06	74	75	71		"	"	4	
10				"	"	2			30-06	75	76	72		"	"	5	
11				"	"	1			30-06	76	76	72		"	"	8	
Noon.				"	"	1			30-06	77	77	72		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 600 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1360 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 100 " 1304 "

P. M.																	
1				SE by E	East	1			30-04	78	77	73		b	none	10	
2				"	"	2			30-04	78	77	73		"	"	10	
3				"	"	2			30-03	78	78	73		"	"	10	
4				"	"	2			30-01	79	78	72		"	"	10	
5				"	"	2			30-00	78	78	73		"	"	10	
6				"	"	2			30-00	78	78	73		"	"	10	
7				"	"	3			30-00	78	75	71		"	"	10	
8				"	"	4			29-99	78	74	71		"	"	10	
9				"	"	4			30-02	80	74	71		"	"	10	
10				"	"	3			30-02	80	74	71		"	"	10	
11				"	"	3			30-02	79	74	72		"	"	10	
Mid.				"	"	3			30-01	78	74	72		"	"	10	

under the command of A. L. Snow Commander, U. S. Navy,

Sunday January 3rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant. - Gentle to moderate breezes from N.E. & N.N.E.; 1st Dreyer (Boy) Ford extra watch by order of Comdg Officer.

O'Meara
Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant; gentle to light breze from N.N.E. Received on board 100 lbs of fresh beef, 100 lbs. vegetable and 80 lbs soft bread

W. Roy Mason Field
Ensign U.S.N.

8 A.M. to Meridian.

Bright and warm - barometer steady - light breze and light airs from N.N.E. - At 9.30 quarters - afterwards Gen'l Muster and Articles of War. Absentees without leave, J.B. Load (Private Marine), J. Coney (Pvt M.C.) M. Rodrigues - (Stg Cook) McKierney, E. (Lt) M. Driscoll (Lt).

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Light airs and breezes from East - Sent liberty-party on shore. E. McKierney (Lt) returned on board 8 hours overtime.

O'Meara
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant - barometer steady - light to gentle breze from East - The Italian Str. Martin Brugzo left Dock 1, drawing 21 feet.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Gentle and moderate breezes from East. J.B. Load (Private), returned on board 105 hours overtime.

O'Meara
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lucas
Lieut. - Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,
Buenos Ayres. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E	NNE	2			30-01	78	74	70		t	none	10	
2				"	"	4			30-01	76	76	70		tc	cir cum	9	
3				"	"	2			30-00	75	73	69		"	"	9	
4				"	"	4			29-99	75	72	69		"	"	0	
5				"	North	4			30-03	73	71	68		"	cirromeh	6	
6				"	"	4			29 99	73	71	67		"	"	5	
7				"	"	4			29-99	73	71	68		"	"	8	
8				"	"	4			29-99	74	71	68		"	"	8	
9				"	"	2			30-01	74	73	68		"	"	8	
10				"	"	2			30-01	75	74	70		"	cir cums	8	
11				"	"	2			30-01	75	76	71		"	cir cum str.	9	
Noon.				"	"	2			30-01	76	77	71		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 320 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1646 "

Coal consumed during the preceding 24 hours, tons lbs.

Coal remaining on hand at Noon, " "

P. M.														
1		SE by E	NNE	1		30-00	78	78	72		to	cir cum str.	7	
2		"	"	1		29-99	78	79	73				8	
3		"	East	2		29-98	79	79	73				8	
4		"	"	2		29-97	80	80	74				8	
5		"	"	1		29-95	81	80	74				7	
6		"	"	1		29-94	81	80	74				8	
7		"	ENE	3		29-94	80	78	74				4	
8		"	"	3		29-95	83	77	73				2	
9		"	"	4		29-95	80	76	71			cir cum nim.	8	
10		"	"	4		29-95	80	76	72				6	
11		"	"	3		29-95	80	76	73				5	
Mid.		"	"	3		29-96	80	76	74				5	

under the command of A. P. Snow. Commander, U. S. Navy,
Monday, January 4th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (Cu)ntil 4 A.M.
Clear (and) pleasant - Moderate breze from N.E.

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Bright (and) pleasant barometer steady - moderate breze from N. - Recd. in Pay Dept. 1014 lbs. fresh beef - 1811/16 lbs vegetables, (and) 81 lbs. soft bread - Draught before coaling 13'-5", amidships 15'-1", aft 16'-5".

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear (and) pleasant; Light breezes from North. The following men were absent without leave M. Rodriguez, (St. Std), M. Driscoll (A). Coaling ship. Started fires for distilling

O. McKinney
Ensign U.S.N.

Meridian to 4 P.M.
Clear (and) pleasant. Light breezes (and) airs from N.N.E. to East. Finished coaling, receiving in all 56 T. 1250 lbs. Ships draught after coaling - fwd 14'-; amid. 15'-4"; aft 16'-8". Distilling. Received in Pay Dept from Tallapoosa, one barrel pork.

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear (and) pleasant first two hours, clouding over last part. Light airs to gentle breezes from East to E.N.E. Sent liberty party ashore

O. McKinney
Ensign U.S.N.

8 P.M. to Midnight.
Clear (and) pleasant - Moderate to gentle breze from E.N.E. Distilling.

Geo. L. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lamson
Lamson Navigator.

LOG of the UNITED STATES — Steamer Essex — 3rd Rate,

Buenos Ayres. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E	S.S.E.	1			29-96	80	75	73		tc.	Cum Str	5.	
2				"	East	1			29-96	80	76	74		"	"	2	
3				"	N.E.	1			29-96	80	76	73		"	"	2	
4				"	"	1			29-96	79	76	72		"	"	5	
5				"	"	1			29-96	80	76	73		"	Cir Cum St	1	
6				"	"	1			29-96	78	76	73		oc.	Cumulo Nimb	0	
7				"	E.N.E.	1			29-99	78	76	74		"	"	0	
8				"	East.	1			30-01	78	76	74		"	"	0	
9				"	"	1			30-01	78	76	73		"	"	0	
10				"	E.S.E.	1			30-00	79	76	73		"	"	0	
11				"	East	1			30-01	79	77	74		ocd.	Cumr Nimb	0	
Noon.				"		1			30-00	79	77	74		oc.	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 390 gallons.

Water distilled during the preceding 24 hours, 1574 "

Water remaining on hand fit for use at Noon, 2224 "

Coal consumed during the preceding 24 hours, 1 tons 1200 lbs.

Coal remaining on hand at Noon, 155 " 964 "

P. M.													
1		SE by E	S.S.E.	2	30-01	79	78	72	oc.	mist	0		
2		"	"	2	30-01	79	77	72	"	"	0		
3		"	"	2	30-01	79	77	72	ocd.	"	0		
4		"	"	2	30-02	78	77	72	"	"	0		
5		"	South.	2	30-02	76	76	72	"	"	0		
6		"	"	1	30-02	76	75	72	ocs.	"	0		
7		"	S.E.	1	30-01	80	74	70	ocd.	"	0		
8		"	S.S.W.	1	30-01	78	75	71	oc.	"	0		
9		"	S.S.E.	1	30-00	81	74	70	ocd	"	0		
10		"	East	4	29-98	82	75	71	"	"	0		
11		"	"	4	29-97	80	75	72.	bc.	mist	4		
Mid.		"	"	3	29-97	79	75	72.	"	"	5		

under the command of U. S. Snow Commander, U. S. Navy,

Tuesday January 5th, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy, warm and close. Very light airs from S.S.E. to East and N.E. Distilling.

F. Harden
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Light airs from N.E. and E.N.E. Distilling

O'Neil Stone
Ensign U.S.N.

8 AM to Meridian.
Overcast, with occasional light drizzle middle part of watch: Light airs from East to E.S.E. at 9. Commuted at quarters, absentees, H. Delin (Cox); J. McKinnon (Sea) and W. Lenchey (C.H.) — At 9.42, went to fire quarters; 1st stream, 42 sec; 2d stream 55 sec; — 3rd stream 1 min. 30 sec; — 4th stream 1 min. 35 sec.
The Commanding Officer adjudged the following punishments, viz: — Hand-C. (M.T.) Gross disrespect to an officer on shore — reduced to 4th class 3 months and $2.50 Monthly Money: — Jones H.G. (Private M.C.) — Leaving his post before being regularly relieved — 2nd class 1 month; Sopp, Lw. (Sea) 1 hour overtime, 1 week quarantine; Pingree J. (C.H.), brought on board from Police station, 2½ hours overtime, reduced to 4th class, 3 months, $5 monthly money; — Cooney J. (Private M.C.), leaving Sergeant after being released from police station, — 7 hours overtime, reduced to 4th class 3 months and $2.50 Monthly Money; — Cooper J.M. (C.H.) Jones, W.S. (Lr. Mr.) Lord J.M. (Corpl M.C.) and Sliney Jno. (Sea), each 15 minutes overtime, reduced to Second class 1 week; Parker, Danl (Cox), 15 hours overtime — 3rd class 1½ months; — O'Brien P. (Cpl) and Dougherty P. (Cpl M.C.) each 15 min. overtime, 2d class 1 week; — Load J.B. (Pvt M.C.), 105 hours overtime, reduced to 4th Cl. 3 mos, $2.50 M. Money; — Driscoll M. (C.H.) — 4 hrs. overtime, 4th class 3 mos, $2½ M. Money; — Rodriguez M. (Stg Steward), — 89 hrs overtime, 4th class 3 mos. $2½ M. McKierney E. (Cox), 48 hours overtime, 4th class 3 mos and $2½ M. Money. Engaged in receiving Stores in Medical Dept. from Tallapoosa. — Rec'd. from Tallapoosa, in Engineer's Dept one lathe with attachments. Distilling.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy with occasional light showers of drizzling rain. Light breeze from S.S.E. — Henry Delin (Cox) and J. McKinnon (Sea), were brought on board from police station, 5 hrs. overtime. — Distilling

F. Harden
Lieut. U.S.N.

4 o'clock to 8 P.M.
Overcast. Light rain first three hours. Light airs and breeze from S.E. and S.S.W. Distilling —

Geo. F. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy — with light drizzle first two hours, clearing last two. — Stopped distilling and hauled fires at 11.

F. Harden
Lieut. U.S.N.

Examined and found to be correct.

H. K. Curtis Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex. , 3rd Rate,

Buenos Ayres AR.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SE by E	ENE.	3			29-98	79	75	73		oc	nimb	0	
2					SSE	3			29-96	78	74	72		ocd.	"	0	
3					"	3			29-96	78	74	72		"	"	0	
4					ESE	2			29-96	78	75	73		ocr.	"	0	
5					"	1			29-97	78	75	73		"	"	0	
6					Variable	1			29-97	76	74	72		"	"	0	
7					Calm.	0			29-97	75	74	71		"	"	0	
8					"	0			2996	75	73	71		"	"	0	
9					"	0			29-94	75	74	72		tc.	cir cum	4	
10					South	2			29-93	75	74	71		oc.	nimb	0	
11					"	2			2992	74	73	70		tc.	"	2	
Noon.					"	3			29-91	74	73	71		tc.	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 1086 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, tons 1825 lbs.

Coal remaining on hand at Noon, 154 " 1369 "

P. M.														
1		SE by E.	South	3.	29-89	75	73	69.		oc	cum str	0		
2		"	"	3	29-87	76	75	70		"	"	0		
3		"	"	3	29-86	78	76	70		"	"	0		
4		"	"	2	29-86	79	76	70		"	"	0		
5		"	SSE.	3	29-85	78	77	70		tc	cir cum nim	2		
6		"	South	2.	29-85	78	76	70		"	"	3		
7		"	"	2	29-86	76	75	71		"	cir cum	5		
8		"	"	2	29-86	80	75	71		"	"	7		
9		"	"	1	29-86	80	74	69		"	"	7		
10		"	SSE.	1	29-86	81	74	69		"	"	9		
11		"	"	1	29-86	79	73	69		"	"	9		
Mid.		"	"	1	29-86	77	72	68		"	"	9		

under the command of A. S. Snow. Commander, U. S. Navy,
Wednesday January 6th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM
Overcast and raining; gentle breeze from E. N. E to E. S. E.
W Roy Mason Jnld
Ensign U.S.N.

4 o'clock to 8 AM.
Overcast. Raining until 7.50 – Light airs from E.S.E, first hour, becoming variable then falling calm. Recd for use of crew, 102 1/2 lbs, each of fresh beef and vegetables and 82 lbs head
Griffin W Holmes
Lieut. U.S.N.

8 AM to Meridian
Cloudy with occasional very light drizzle last hour, calm first hour. Light to gentle breze from South last three hours;
At 9.30 mustered at quarters, W. Linchey (CH) absent without leave; – At 9.45 had dress parade. Loosed sail at 9.15, furled at 11.20. — The Commanding Officer adjudged the following punishments, viz; — Delin. St. (Cox) and McKinnon J. (Sea). brought on board from police station – 5 hours overtime –, each reduced to 4th class, 3 mos, $2.50 Monthly Money; – Brown. A.R. (Sea. Appr. 2 cl.), 4 hours overtime, – reduced to Second Class, 1 week.
F. A. Wildner
Lieut. U.S.N.

Meridian to 4 PM.
Overcast and cloudy; gentle to light breeze from South.
W Roy Mason Jnld
Ensign U.S.N

4 to 8 PM.
Partly cloudy pleasant weather. Gentle to light breze from S.S.E. and South.
F. A. Wildner
Lieut. U.S.N.

8 PM to Midnight
Clear and fine. Light airs from S. and S.S.E.
W Roy Mason Jnld
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut, Navigator.

LOG of the UNITED STATES — Steamer Essex —, 3rd Rate,
Buenos Ayres. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by E	South	1			29-85	75	70	66		bmw.	none	10	
2				"	"	1			29-85	74	69	66		"	"	10	
3				"	"	1			29-84	74	69	66		"	"	10	
4				"	"	1			29-83	73	68	65		"	"	10	
5				"	SW	1			29-83	78	67	65		bcm	cum	9	
6				"	"	1			29-82	70	68	65		bm	none	10	
7				"	"	1			29-82	70	71	67		"	"	10	
8				"	"	2			29-82	73	73	69		"	"	10	
9				"	WSW	3			29-82	75	77	71		"	"	10	
10				"	"	3			29-82	78	79	70		"	"	10	
11				"	"	3			29-81	80	80	71		bc	cir cm	8	
Noon.				"	"	3			29-81	81	82	71		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 576 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 23 64 "

Coal consumed during the preceding 24 hours, tons 780 lbs.

Coal remaining on hand at Noon, 154 " 589 "

P. M.														
1			S E by E.	NSW.	3	29-77	83	83	71		bc.	cir cum	5	
2			"	"	3	29-75	84	84	71		"	"	7	
3			"	"	3	29-73	85	85	71		"	"	8	
4			"	SW.	3	29-71	86	86	71		"	"	8	
5			"	"	2	29-69	87	86	72		b	none	10	
6			"	"	2	29-70	87	86	72		"	"	10	
7			"	"	2	29-69	87	84	73		"	"	10	
8			"	"	1	29-69	85	84	73		"	"	10	
9			"	WNW.	2	29-70	84	83	73		bc.	cir cum	9	
10			"	"	3	29-70	85	82	72		"	"	9	
11			"	W by S	3	29-70	83	80	71		b	none	10	
Mid.			"	"	3	29-70	83	79	71		"	"	10	

under the command of L. S. Snow Commander, U. S. Navy,
Thursday January 7th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Clear 2nd pleasant – barometer steady – light airs from South.
J. J. Meade
Lieut. U.S.N.

4 to 8 A.M.
Clear, warm 2nd pleasant. Misty along horizon – very light airs from S.W. 2nd West.
[illegible]
Lieut. U.S.N.

8 A.M. to Meridian.
Clear 2nd pleasant, gentle breeze from W.S.W. Mustered 2nd inspected at quarters. W. Linchey (C.H.), absent without leave. Called away all boats –, Steam Launch ready, 1 min 50 sec; 1st Cutter 1 min. 50 sec; 2d Cutter – 2 min 45 sec; Whale boat 1 min. 30 sec; Gig 1 min. 45 sec.
W. Roy Mason Field
Ensign U.S.N.

Meridian to 4 P.M.
Warm 2nd sultry – barometer falling rapidly – gentle breeze from W.S.W. 2nd S.W.
J. J. Meade
Lieut. U.S.N.

4 to 8 P.M.
Clear 2nd fine, light breeze from S.W. –
W. Linchey (C.H.), returned from liberty 5 1/2 hours overtime
W. Roy Mason Field.
Ensign U.S.N.

~~8 P.M. to Midnight~~

8 P M to Mid
Clear and pleasant. barometer steady. Light to gentle breze from Wn.
J. J. Meade
Lieut. U.S.N.

Examined and found to be correct.

L. K. Jennings
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex —, 3rd Rate,

Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SEbyE	West.	2			29-70	82	79	70		bc	cirrus	8	
2				"	"	2			29-69	81	78	70		"	"	9	
3				"	"	2			29-69	80	78	70		"	"	9	
4				"	"	3			29-69	80	77	70		"	"	9	
5				"	WNW	2			29-69	79	75	69		"	"	7	
6				"	"	3			29-69	79	76	70		"	"	8	
7				"	"	3			29-69	80	77	71		hzw	"	8	
8				"	"	3			29-69	81	79	72		hzw	none	10	
9				"	WSW.	3			29-71	80	82	73		"	"	10	
10				"	WNW.	3			29-72	84	84	73		"	"	10	
11				"	NW.	3			29-71	86	86	74		"	"	10	
Noon.				"	"	4			29-72	88	88	76		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1884 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 154 " 189 "

P. M.											
1	SEbyE.	WNW.	4	29-72	90	89	78	hm	none	10	
2	"	NNW.	4	29-71	91	90	78	hzw	cirrus	9	
3	"	"	4	29-70	91	90	77	"	"	8	
4	"	"	4	29-70	92	91	80	"	"	8	
5	"	"	3	29-70	90	91	80	"	"	9	
6	"	"	3	29-69	90	90	80	"	"	9	
7	"	NW.	2	29-70	89	89	80	"	"	8	
8	"	West	2	29-71	91	89	80	"	"	9	
9	"	WNW.	1	29-72	90	88	79	hm	none	10	
10	"	Calm	0	29-73	87	87	79	"	"	10	
11	"	"	0	29-73	85	85	78	"	"	10	
Mid.	"	"	0	29-73	84	84	76	"	"	10	

under the command of A. S. Snow Commander, , U. S. Navy,
Friday, January 8th, , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (m) until 4 A.M.
Clear (and) pleasant. Light (m) gentle breezes from West.

D. M. Dixon
Ensign U.S.N.

4 to 8 A.M.
Clear (m) pleasant. Light to gentle breeze from W.N.W. —
The Italian Corvette Sebastiano Veniero left the harbor.

W. Roy Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Bright (m) sultry — barometer steady — gentle to moderate breze from W.S.W. (and) W.N.W. Had Genl. quarters at 9.30, Times as follows. 1st Division ready, 2 min. 40 sec; 2d Div, 3 min; Powder Division, 3 min. 30 sec; 3rd Division, ready, 1 min 55 sec; Navigator's Div, 2 m. 20 sec; Engineer's Division, 2 min. 30 sec; Marine Guard — 1 min. 40 sec; Pay Dept., — 1 min, 30 sec; Surgeon's Dep't, — 1 minute, 35 seconds.
— Yantic came in and made fast ahead of Tallapoosa.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear (and) pleasant — Moderate breezes from W.N.W. (and) N.W.
Sent liberty party ashore.

D. M. Dixon
Ensign. U.S.N.

4 to 8 P.M.
Bright (m) sultry — barometer steady — gentle to light breeze from W.N.W. (and) N.W.

J. T. Newton
Lieut U.S.N.

8 P.M. to Midnight.
Clear (m) pleasant — Calm (and) light airs from W.N.W.

D. M. Dixon
Ensign. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres. AR.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SEbyE	Calm	0			29-73	84	85	76		b.	none	10	
2				"	SW	1			29-73	82	82	75		"	"	10	
3				"	"	1			29-73	81	80	74		"	"	10	
4				"	"	1			29-78	80	79	78		bc.	cir cum	9	
5				"	WSW.	1			29-75	80	79	73		"	circumSth	8	
6				"	WNW	2			29-76	79	80	74		bcm.	"	8	
7				"	"	3			29-77	79	80	74		"	"	5	
8				"	West	3			29-79	80	80	74		"	"	2	
9				"	WNW.	3			29-80	88	82	75		bc	cir cum	4	
10				"	"	3			29-82	86	83	76		"	"	5	
11				"	SW.	3			29-83	86	85	75		"	"	3	
Noon.				"	"	3			29-83	86	85	75		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 520 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1364 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 153 " 2039 "

P. M.														
1			SEbyE.	South	3		29-86	86	86	72	bc.	cir cum	2	
2			"	SSW	3		29-87	86	86	71	bc	"	0	
3			"	South	3		29-87	85	85	71	"	"	0	
4			"	"	3		29-87	84	84	71	"	"	0	
5			"	"	3		29-86	83	83	72	bc.	circumSth	2	
6			"	"	2		29-87	83	82	72	"	cir cum	3	
7			"	"	2		29-87	83	81	71	"	"	4	
8			"	"	2		29-89	85	81	72	"	"	5	
9			"	Calm	0		29-89	85	80	72	"	"	6	
10			"	"	1		29-91	84	79	72	"	"	7	
11			"	South	1		29-92	85	77	70	"	"	7	
Mid.			"	"	1		29-93	84	76	70	"	"		

under the command of A. S. Snow Commander, , U. S. Navy,
Saturday January 9th , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and warm. Calm first hour, followed by light airs from S.W.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Generally clear – barometer fluctuating – light to gentle breeze from W.

J. I. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy – Gentle breezes from W. N.W. and S.W. The following men were absent without leave Jane W. (Cook M.C.) and Shields Thos (Private M.C.). – Aboard of survey, met on board to survey articles in the Engineer's Department.

D. McCune
Ensign, U.S.N.

Meridian to 4 P.M.
Overcast – Warm – Gentle breeze from S.S.W. to South. – Sent a liberty party ashore.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Partly cloudy, warm and pleasant. Light breeze from South. Started fires for distilling.

F. Niles
Lieut. U.S.N.

8 P.M. to Midnight
Clear and warm. Calm first part. Light airs from South latter part. Continued distilling

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. – Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S Ely E.	SE.	2			29-93	80	72	66		bc	Cir am	8	
2				"	"	2			29-94	77	70	65		bcl	"	8	
3				"	"	3			29-94	77	69	64		"	"	9	
4				"	"	3			29-94	76	68	63		f	none	10	
5				"	"	2			29-94	76	68	65		bc	Cir cum	9	
6				"	"	2			29-94	71	68	64		"	"	9	
7				"	East	3			29-97	75	72	69		"	"	8	
8				"	E.N.E.	3			29-98	76	74	68		"	"	8	
9				"	"	3			29-97	77	76	70		"	"	8	
10				"	"	3			29-97	77	78	71		"	"	8	
11				"	"	3			29-99	79	78	71		"	"	8	
Noon.				"	"	3			30-00	79	78	71		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 1122 "

Water remaining on hand fit for use at Noon, 2096 "

Coal consumed during the preceding 24 hours, 1 tons 155 lbs.

Coal remaining on hand at Noon, 152 " 1874 "

P. M.														
1		S.E. by E	E.N.E	1	29-98	80	78	71		bc.	Cir am Str.		6	
2		"	"	2	29-98	81	79	72		"	"		5	
3		"	East	2	29-97	81	80	72		"	"		7	
4		"	"	2	29-96	81	80	72		"	"		5	
5		"	"	2	29-96	81	80	72		"	"		5	
6		"	"	3	29-96	80	78	72		"	"		8	
7		"	"	2	29-97	81	79	72		f	none		10	
8		"	NE.	2	29-96	80	78	72		"	"		10	
9		"	E.N.E.	3	29-96	81	78	71		"	"		10	
10		"	N.E.	3	29-96	81	78	70		"	"		10	
11		"	N.N.E	3	29-96	81	78	68		"	"		10	
Mid.		"	"	4	29-96	80	78	67		"	"		10	

under the command of L. K. Snow Commander, U. S. Navy,

Sunday January 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Wm until 4 AM.
Clear and pleasant. Light to gentle breeze from S.E. — Distilling. —

W. H. Wilson
Lieut. U.S.N.

4 to 8 AM.
Clear and pleasant, light breeze from E. hauling to East and E.N.E. - Received in Cay Department 102½ lbs fresh beef, 102½ vegetables 82 lbs soft bread. Distilling

O. Ray Mason Jr
Ensign U.S.N.

8 AM to Meridian.
Clear and pleasant. Gentle breeze from E.N.E. At 9.30 muster at quarters - Distilling. —

Geo. Lee Holman
Lieut. U.S.N.

Meridian to 4 PM.
Fine pleasant weather. - Light airs to light breeze from E.N.E. to East — Distilling

W. H. Wilson
Lieut. U.S.N.

4 o'clock to 8 PM.
Clear and pleasant. Gentle to light breeze from East, to E.N.E. Distilling

Geo. Lee Holman
Lieut. U.S.N.

8 PM to Midnight.
Clear and pleasant. Bright moon and starlight. Gentle to moderate breeze from E.N.E. to N.N.E. — Distilling

W. H. Wilson
Lieut. U.S.N.

Examined and found to be correct.

L. K. Snow
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres, AR.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E.	N.E.	4			29-95	78	75	68		bc.	cir cum-St.	7	
2				"	"	4			29-94	78	74	68		"	"	6	
3				"	"	3			29-92	77	74	67		"	"	7	
4				"	"	3			29-92	77	73	65		"	"	8	
5				"	"	3			29-91	76	74	67		"	cir cum St.	7	
6				"	"	3			29-91	75	74	67		"	"	8	
7				"	"	3			29-89	75	74	67		"	cir Str.	9	
8				"	"	2			29-89	76	74	67		"	"	9	
9				"	N.E.	2			29-87	77	76	70		b.	none	10	
10				"	"	2			29-86	78	78	72		"	"	10	
11				"	"	1			29-86	80	79	73		"	"	10	
Noon.				"	"	1			29-83	81	81	74		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 565 gallons.

Water distilled during the preceding 24 hours, 1637 "

Water remaining on hand fit for use at Noon, 3168 "

Coal consumed during the preceding 24 hours, 1 tons 340 lbs.

Coal remaining on hand at Noon, 151 " 1529 "

P. M.														
1			S.E. by E.	N.E.	2			29-81	83	83	76	bc.	cir cum	9
2			"	"	2			29-78	83	84	77	"	"	8
3			"	North	2			29-74	84	84	78	"	"	8
4			"	"	3			29-74	85	85	79	"	"	4
5			"	N.W.	3			29-74	85	85	78	oc	"	0
6			"	W.N.W.	3			29-73	84	83	76	bc.	"	2
7			"	"	2			29-73	84	82	75	bcg.	"	3
8			"	West	2			29-73	84	82	75	bc.	"	5
9			"	"	1			29-73	83	81	74	"	"	8
10			"	"	1			29-74	81	79	74	"	"	9
11			"	"	1			29-74	81	78	73	f	none	10
Mid.t			"	"	1			29-74	82	79	73	"	"	10

under the command of A. S. Snow Commander, , U. S. Navy,

Monday January 11th , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine: moderate to gentle breeze from N.E.

W Roy Mason Field
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Gentle to light breze from N.E.—
Distilling — Received for use of crew, 102 lbs each of fresh meat and vegetables and 82 lbs bread.

Geo F. W. Holman
Lieut. U.S.N.

8 AM to Meridian
Clear, warm and pleasant. Light breze to light airs from NE
At 9.30 mustered at quarters: N. Lear and W. Jane (Corpl M.C.) absent without leave. Formed Battalion and exercised sections in new tactics. — Stopped distilling and hauled fires. — H.M.S Beagle came in and moored ahead of Yantic. — The Comdg Officer adjudged the following punishments viz: Pentecost J.T. (Lds), Careless shilling grease about galley — reduced to 2d class 1 month; Linchey W. (Pt), 5 7½ hours overtime, reduced to 4th class, 3 months and $2.50 Monthly Money; — Jas. Dwyer (Lds), - Questioning authority of Off Sergt, — and refusing to go below and shift into uniform of day, — 4 night-watches on feet; — Scroxton F. (Lds) Neglecting work in Sick Bays — 2 night watches; — Carman W.H. (Private M.C.), 25 minutes overtime — 1 week 2d class; — Shields, Thos. (Private M.C.) 5 hours overtime, reduced to Second class 1 month.

F. H. Prime
Lieut. U.S.N.

Meridian to 4 P.M.
Clear, then fair, light to gentle breze from N.N.E and North

W Roy Mason Field
Ensign U.S.N.

4 to 8 P.M.
Cloudy and threatening first two hours, — clearing last two. Gentle to light breze from N.W. to W.N.W. — with wind and dust equally between 6 and 7.

F. H. Prime
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine; — light airs from West

W Roy Mason Field
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut; Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,
Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E.	S W.	2			29-72	82	78	72		bcl	cirrus	9	
2				"	"	2			29-71	81	78	72		"	"	9	
3				"	"	2			29-71	81	77	72		bw	none	10	
4				"	"	2			29-71	81	77	72		"	"	10	
5				"	"	1			29-71	77	76	72		bc.	cum	9	
6				"	S W	2			29-70	74	74	71		bcm.	cir str.	8	
7				"	"	2			29-71	74	74	71		"	"	8	
8				"	"	2			29-71	77	76	72		"	"	9	
9				"	West.	2			29-74	78	79	73		bc.	cir cum	8	
10				"	North.	2			29-74	79	80	76		"	"	8	
11				"	N. N E.	2			29-74	80	80	75		"	"	7	
Noon.				"	"	2			29-74	81	81	75		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2758 "

Coal consumed during the preceding 24 hours, tons 685 lbs.

Coal remaining on hand at Noon, 151 " 844 "

P. M.													
1		S Ely E.	North.	2	29-73	82	82	76	bc	cir cum	4		
2		"	"	1	29-73	83	83	77	"	"	4		
3		"	N. N E.	1	29-72	83	83	77	"	"	5		
4		"	East.	1	29-71	83	83	77	bc	"	4		
5		"	"	1	29-70	84	84	78	"	"	4		
6		"	S E.	2	29-69	84	84	77	bc.	"	2		
7		"	E. S E.	3	29-69	81	80	75	oc	cum nimb	0		
8		"	"	4	29-69	80	79	74	rcl.	"	0		
9		"	"	4	29-69	82	78	71	"	"	0		
10		"	"	4	29-71	82	77	70	"	"	0		
11		"	"	3	29-72	82	77	71	"	"	0		
Mid.		"	"	3	29-72	82	77	72	bcl.	"	0		

under the command of A. L. Snow Commander, U. S. Navy,

Tuesday January 12, 189?.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy and pleasant. Barometer steady;- light breeze from N.N.W.

J. J. Newlon
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant - Light airs to light breeze from N.W., shifting to S.W. Misty along horizon.

[redacted]
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine, light breeze from W. & N.
Mustered at quarters and exercised the ships company at the new drills - Absentees without leave, Lea. S. (Bm) Jane W. (Cpl 3) Dougherty P. and Sherlock R.S. (Privates M.C.) Milliken D.F. (capt Hold).

W. Roy Mason Field
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy;- barometer steady;- light breeze and light airs from North, N.N.E. and East.

J. J. Newlon
Lieut U.S.N.

4 to 8 P.M.
Fair and warm; light airs to gentle breeze from East and E.S.E.

W. Roy Mason Field
Ensign U.S.N.

8 P.M. to Midnight.
Overcast and pleasant, - barometer steady;- moderate to gentle breeze from E.S.E.- Jane W. (Corpl M.C.) returned on board 8 hours overtime

J. J. Newlon
Lieut U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E.	N.E.	3			29-73	81	76	72		hzn.	cir cum	4	
2				"	E.N.E.	4			29-72	82	75	71		vc.	"	0	
3				"	East.	2			29-71	81	76	71		"	"	0	
4				"	"	1			29-72	81	76	72		"	"	0	
5				"	"	2			29-72	82	76	72		hz.	cum nimb	2	
6				"	"	2			29-75	79	75	72		"	"	3	
7				"	E.S.E.	2			29-77	77	74	71		"	"	3	
8				"	S.E.	2			29-80	78	76	72		"	"	3	
9				"	"	2			29-84	79	77	73		"	"	4	
10				"	S.S.W.	4-5			29-86	80	78	71		"	"	4	
11				"	"	4-5			29-89	80	79	70		"	cir cum str	1+	
Noon.				"	"	4-5			29-91	80	79	69		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 510 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2198 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 151 " 444 "

P. M.												
1	S.E. by E.	S.S.W.	4-5	29-92	81	80	67	hzy.	cr cum str.	5	
2	"	"	4-6	29-92	82	81	68	"	"	7	
3	"	"	3	29-93	83	82	68	"	"	8	
4	"	"	3-4	29-94	82	81	67	"	"	9	
5	"	"	3	29-96	80	80	65	hz	"	8	
6	"	"	3	29-97	80	79	65	"	"	8	
7	"	"	3	29-98	79	78	65	"	"	8	
8	"	"	2	30-00	78	76	69	h.	none	10	
9	"	"	2	30-03	76	74	71	hz.	cr cum	9	
10	"	"	2	30-06	78	72	70	"	"	9	
11	"	"	2	30-07	72	70	68	h	"	10	
Mid.	"	"	2	30-08	70	69	67	"	"	10	

under the command of C. H. E. Snow Commander, U. S. Navy,

Wednesday January 13th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (am) until 4 P.M.
Cloudy. Light airs to moderate breezes from East to N.E. Ø Decreased (2d) stood extra watch.

C. McStone
Ensign U.S.N.

4 to 8 P.M.
Fair and pleasant: light breeze from East and S.E. Received in Pay Department 97½ lbs fresh beef. 97½ lbs. vegetables, 78 lbs soft bread.

F. W. Roy Mann Field
Ensign U.S.N.

8 P.M. to Meridian.
Cloudy and pleasant - barometer rising; - light to moderate breeze from S.E. (and) S.S.W. - At 9.30 quarters, absentees without leave, Lear A. (Bm); Milliken D.J. (Cpl Hold); Sherlock R. (and) Dougherty P. (Privates M.C.); Talvey J. (Ck.); and McComb J. (Private M.C.). Exercised, 1st Div. - infantry, - 2d Division - artillery.

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Partially cloudy; - clearing last part; gentle to fresh breeze from S.S.W. Received on board 2000 Sticks of wood - Transferred to U.S.S. Yantic 900 lbs salt - water - soap. - J. Mahoney (Ck) was released from sentry charge and placed in confinement on bread and water for five days, for wasting public property; by order of Commanding Officer.

C. McStone
Ensign U.S.N.

4 P.M. to 8 P.M.
Clear and pleasant; - barometer rising; - gentle breeze from S.S.W.

J. T. Newton
Lieut U.S.N.

8 P.M. to Midnight.
Clear and pleasant; - light breeze from S.S.W. - D. Milliken (Capt Hold) returned on board 38½ hrs. overtime.

C. McStone
Ensign U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres to R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S E by E.	S.S.W.	1			30-09	73	66	65		b	none	10	
2				"	South.	1			30-09	71	63	60		"	"	10	
3				"	S.E.	2			30-09	71	61	58		bc.	cir.cum	8	
4				"	"	2			30-11	71	62	59		"	"	8	
5				"	E.S.E.	3			30-11	72	68	64		"	"	8	
6				"	N.E.	2-4			30-13	72	69	65		"	"	9	
7				"	"	2-4			30-15	72	70	65		"	"	9	
8				"	"	3-4			30-16	73	71	66		"	"	9	
9				"	N.N.E.	3			30-15	73	71	66		"	"	8	
10				"	"	3			30-15	74	72	66		"	"	8	
11				"	"	3			30-16	75	74	67		"	"	9	
Noon.				"	"	2			30-17	76	74	67		b	none	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 470 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1728 "

Coal consumed during the preceding 24 hours, tons 1840 lbs.

Coal remaining on hand at Noon, 150 " 844 "

P. M.																	
1				S E by E.	North	3			30-17	76	76	66		bc	cir.cum	8	
2				"	"	3			30-16	78	76	68		"	"	1	
3				"	"	3			30-14	77	77	68		"	"	8	
4				"	"	3			30-12	78	78	68		"	"	8	
5				"	"	2			30-10	78	78	69		"	"	6	
6				"	"	2			30-09	79	78	70		"	"	6	
7				"	"	1			30-08	80	77	69		"	"	4	
8				"	N.N.E.	1			30-08	80	77	69		"	"	2	
9				"	"	1			30-08	81	77	69		"	"	9	
10				"	North	1			30-07	79	76	69		"	"	9	
11				"	"	1			30-07	79	76	69		"	"	6	
Mid.				"	"	2			30-08	79	75	68		"	"	2	

under the command of A. L. Snow Commander, U. S. Navy,
Thursday, January 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant - Light airs and breeze from S.E. to E.

Fugo F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant - barometer rising - gentle to moderate breeze from E.S.E. and E. by S.

J. J. Hawke
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light and gentle breezes from N.N.E. - At 930 mustered at quarters and drilled divisions at small arms and artillery. - The following men were absent without leave; - Lear, T. (BM) Dunphy, J. (private M.C.), Sherlock R. (private MC) Talvey, J. (CH), - The only Officer awarded the following punishments, viz: - Jas. W. (Corporal M.C.) 8 4 3/4 hours overtime, reduced to 4th class, 3 months and $2.50 Monthly Money; - Mahoney, J. (CH), returning from liberty drunk and disorderly - 4th class 3 months, $2.00 Monthly Money; - Jacks H.B. (private M.C.) not answering call "Spread awnings, lying about it. - reduced 2d class, 1 month; - McCombe J. (private M.C.) 14 hours overtime, reduced to 3rd class 1½ months.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Gentle breeze from North.

Fugo F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy - Light airs and breezes from North.
Received in Pay Department, four half barrels of sugar and in Equipment, 6 cases of oil, - Sent liberty-party ashore.

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Light airs and breezes from N.N.E and North. Pvt Sherlock, returned on board - 6 hours overtime

Fugo F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E	W.N.W.	3			30-08	78	76	70		bc	mist	0	
2					North.	4			30-07	78	75	68		"	"	0	
3					"	4-5			30-05	78	75	68		"	"	0	
4					"	4-5			30-04	77	75	67		"	"	0	
5					N.N.W.	4			30-05	77	74	68		bc	Cirrostr.	1	
6					"	3			30-06	76	74	69		"	"	3	
7					"	3			30-06	75	75	70		"	cir	9	
8					"	3			30-06	76	76	70		"	cir cum	9	
9					"	2			30-06	77	77	71		"	"	8	
10					"	2			30-04	79	79	73		"	"	9	
11					North	3			30-04	81	81	74		"	"	8	
Noon.					"	2			30-04	82	82	75		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 12 48 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 150 " 444 "

P. M.																	
1				S.by E.	N.N.W.	3			30-02	83	85	72		bc	cir cum	8	
2				"	S.W.	3			30-01	86	84	73		"	"	8	
3				"	"	3			29-99	88	88	75		"	"	6	
4				"	"	3			29-98	89	89	75		"	"	5	
5				"	"	3			29-97	90	89	75		"	"	5	
6				"	"	3			29-98	89	89	75		"	"	7	
7				"	"	3			29-99	88	89	75		"	"	8	
8				"	South	3			30-00	88	84	75		"	"	8	
9				"	"	1			30-00	85	82	72		"	"	8	
10				"	S.S.E.	2			30-00	84	79	71		bc	"	7	
11				"	S.E.	3			30-04	84	76	69		bc	"	8	
Mid.				"	"	3			30-06	83	75	69		"	"		

under the command of A. S. Snow Commander, U. S. Navy,

Friday January 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Cloudy, 2nd moderate to fresh breeze from N.E. to North, unsteady in force.

F. A. Wilcox
Lieut. U.S.N.

4 to 8 A.M.
Cloudy first part. Clear and pleasant last two hours. Gentle to moderate breeze from N.N.W. Evening morning orders. Received in Pay Dept. 98¾ lbs fresh beef and vegetables 2nd 75 lbs fresh bread. Half masted colors on account of the death of the Duke of Clarence.

C. W. Stoan
Ensign, U.S.N.

8 AM to Meridian
Clear and pleasant. Light to gentle breeze from N.W. to North — At 9.30 mustered at quarters — Absentees. Lewis (A.M.) Dougherty C. (private M.C.) 2nd J. Talvey (C.H.) — Drilled the divisions at infantry 2nd artillery — At 12 started fires for distilling.

Geo. W. Holman
Lieut. U.S.N.

Meridian to 4 PM.
Clear, warm, 2nd pleasant. Gentle breeze from N.N.W. to S.W. By order of Comdg Officer F. F. Sullivan (Ex. Sp. 2 Class) was rated to Sea. Appr. 1st class from 1 Jan'92. Scraped Spars

F. A. Wilcox
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear 2nd pleasant — Gentle breeze from S.W. to South — Received from Tallapoosa three (3) barrels pork. Started distilling at 4.05 -

Geo. W. Holman
Lieut. U.S.N.

8 PM to Midnight.
Clear 2nd pleasant. Bright moon & starlight — Light airs to gentle breze from South to S.E. Distilling

F. A. Wilcox
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres, S.A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NEbyE.	ESE	4			30-06	80	73	67		b.c.	cir str	9	
2				"	"	3			30-06	80	72	67		"	"	9	
3				"	"	3			30-06	80	71	66		"	"	9	
4				"	SE.	3			30-05	78	69	65		b	none	10	
5				"	"	2			30-06	74	68	64		b.c.	circum	8	
6				"	"	2			30-07	69	67	63		"	"	8	
7				"	"	2			30-08	63	69	65		"	cir.	9	
8				"	"	2			30-09	73	71	67		b.c.m.	"	9	
9				"	"	2			30-11	76	75	69		"	"	7	
10				"	ENE.	2			30-11	77	76	70		"	cir. str.	8	
11				"	"	2			30-11	78	77	70		b.c.	cir. cum.	8.	
Noon.				"	NE.	2			30-11	78	77	70		"	"	8.	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 510 gallons.

Water distilled during the preceding 24 hours, 1506 "

Water remaining on hand fit for use at Noon, 23130 "

Coal consumed during the preceding 24 hours, 1 tons 320 lbs.

Coal remaining on hand at Noon, 149 " 124 "

P. M.																	
1				SEbyE.	NE.	2			30-10	79	79	71		b.c	cir cum	8	
2				"	"	2			30-09	80	79	71		"	"	8	
3				"	ENE.	2			30-09	80	79	70		"	"	8	
4				"	"	2			30-09	79	79	70		"	"	8	
5				"	ESE	3			30-08	79	78	70		"	"	8	
6				"	"	3			30-01	78	76	70		"	"	8	
7				"	"	3			30-09	77	75	68		"	"	8	
8				"	"	3			30-09	77	74	67		"	"	8	
9				"	"	4			30-10	79	74	68		"	"	9	
10				"	"	4			30-10	79	74	68		"	"	9	
11				"	"	4			30-10	78	73	68		"	cir cum str	7	
Mid.				"	ENE	4			30-10	77	73	68		"	"	7	

under the command of A. S. Snow, Commander, U. S. Navy,

Saturday January 16th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.
Clear and fine. Moderate to gentle breze from E.S.E. — Distilling.

W. Roy Mason Fild.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear & pleasant. Light breze from S.E. — Dory hailed U.S. Launch (No 2) returned aboard 92 hours overtime — Distilling. At 8 A.M. the colors at half mast, following the motions of the Beagle.

Luigi F. W. Halvorsen
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and warm — Misty along horizon first part. Light breze from S.E. shifting to E.N.E & N.E.
N. Lear (Cox) and J. J. Falvey (Ord) absent without leave. Distilling. Mr. Minister visited the Ship; — Received one drum of Molasses, in Clay Department: — The Commanding Officer awarded the following punishments, viz; — Behn, O. (private M.C.) Insubordination — reduced to 4th class, 3 months and $2.50 Monthly Money — Milliken D. F. (Capt. Hold). 38½ hours overtime — 4th class 2 months and $2.50 Monthly Money. — Sherlock, R. (private M.C.) 61 hours overtime, reduced to 4th class, 3 months and $2.50 Monthly Money. — Dougherty P. (private M.C.) 91 hours overtime — 4th class 3 months and $2.50 Monthly Money.

A. H. Briggs
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine; gentle breze from E.S.E. Distilling.

W. Roy Mason Fild.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant weather. Gentle breze from E.S.E. — Distilling — Received 6 assorted cocks; 110 lbs soke; 6 lbs copper rivets; 60 lbs sheet lead; 60 lbs caustic soda; 20 lbs caustic potash; 170 lbs flat zinc; 1 pyde. muslin; 10 gals asphaltum and 12 palm brooms in Engineers Dept.

A. H. Briggs
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine; moderate breze from E.S.E. Stopped distilling.

W. Roy Mason Fild.
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Buenos Ayres, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by E.	East	3-4			30-00	77	73	68		bc.	cir str	7	
2				"	E.N.E.	3			30-00	75	72	68		"	"	8	
3				"	N.E.	3			31-00	75	71	67		"	"	9	
4				"	"	3			30-00	74	71	67		"	"	9	
5				"	N.N.E.	3			30-00	75	71	67		"	"	10	
6				"	N.E.	2			31-00	75	71	67		"	"	9	
7				"	"	2			30-00	75	73	68		"	"	9	
8				"	"	2			30-00	76	74	70		b	none	10	
9				"	"	1			30-11	75	75	71		"	"	10	
10				"	"	1			30-11	75	76	71		"	"	10	
11				"	"	1			31-11	76	75	72		"	"	10	
Noon.				"	"	1			30-10	78	78	73		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 967 "

Water remaining on hand fit for use at Noon, 2896 "

Coal consumed during the preceding 24 hours, tons 1750 lbs.

Coal remaining on hand at Noon, 148 " 614 "

P. M.																	
1				S.E. by E.	N.E.	3			30-07	80	79	74		hze	cir cum	9	
2				"	"	3			30-07	80	80	74		"	"	9	
3				"	"	3			30-04	80	80	75		"	"	9	
4				"	E.N.E.	3			30-06	80	81	75		"	"	9	
5				"	East.	2			30-04	82	81	76		hc	"	9	
6				"	"	1			30-04	82	81	76		"	"	9	
7				"	"	1			30-04	82	80	74		b	none	10	
8				"	"	2			30-04	81	78	74		"	"	10	
9				"	"	2			30-04	81	78	74		"	"	10	
10				"	"	3			30-04	81	78	75		"	"	10	
11				"	"	3			30-04	81	78	73		"	"	10	
Mid.				"	"	3			30-04	80	78	72		"	"	10	

under the command of A. S. Snow Commander, U. S. Navy,

Sunday January 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Wind N.E. Fresh & P.M.
Clear & pleasant, — barometer steady; — gentle to moderate breeze from E'd.

J. T. Newton
Lieut. U.S.N.

4 h. to 8 A.M.
Clear and warm. Gentle to light breeze from N.N.E. to N.E. Received 101 lbs. fresh beef, 101 lbs. vegetables & 81 lbs bread in Pay Department for issue to crew; — Set the Colors at half mast at 8, following the motions of H.M.S. Beagle.

F. H. Prime
Lieut. U.S.N.

8 A.M. to Meridian.
Clear & hot; light airs from N.E. — Mustered at quarters & the Condg Officer inspected ship and crew at quarters. The following men were absent without leave: Bratton W. (Pilot), Talbey J. (CH) & N. Lear (BM) — Nicholas Lear (BM) returned from leave 6 days & 5 hours overtime.

W. Roy Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Bright & pleasant, barometer falling slowly, — gentle breeze from N.E. & E.N.E. Bratton, Gu. (Pilot) & Talbey J. J. (CH), confined ashore, were brought on board by non-commissioned

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear & fine, light airs to light breeze from East.

W. Roy Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear & pleasant, — barometer steady; — gentle breeze from East.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Buenos Ayres, S.A.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by E.	N.N.E.	4			30-02	79	77	72		b	none	10	
2				"	North	4			30-01	79	77	71		"	"	10	
3				"	"	4			29-99	78	76	71		"	"	10	
4				"	"	4			29-98	77	75	71		"	"	10	
5				"	"	3			29-98	76	74	70		"	"	10	
6				"	"	3			29-97	75	74	71		"	"	10	
7				"	"	3			29-97	75	75	72		"	"	10	
8				"	"	3			29-98	76	76	72		"	"	10	
9				"	"	3			29-98	77	77	72		fc.	cu-strat.	9	
10				"	"	3			29-97	79	78	74		"	"	8	
11				"	"	3			29-96	81	80	75		"	"	9	
Noon.				"	"	3			29-94	81	81	76		"	"	9	

Course and distance made good since preceding noon by observations, knots. , tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 496 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2400 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 148 " 214 "

P. M.														
1			SE by E.	N.N.E.	3		29-93	82	82	78	fc.	cum.		9
2			"		2		29-90	83	83	79	"	"		9
3			"		2		29-88	84	85	81	"	"		9
4			"		2		29-85	85	85	78	"	"		9
5			"	North	2		29-83	85	85	75	"	"		9
6			"		2		29-82	86	85	76	"	"		9
7			"		2		29-81	85	85	76	"	"		9
8			"		2		29-80	87	84	76	"	"		9
9			"	N.W.	1		29-79	87	84	77	"	"		9
10			"	Calm.	0		29-80	87	83	77	"	"		9
11			"	"	0		29-80	86	82	77	"	"		9
Mid.			"	N.E.	1		29-80	85	81	77	"	"		9

under the command of L. L. Snow, Commander, , U. S. Navy,

Monday January 18th , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cloudy & Rainy.

Clear & pleasant. Moderate breeze from South and N.E.

P. Ellestone
Ensign U.S.N.

4 to 8 P.M.

Clear & pleasant; gentle breeze from North.

Received fresh provisions 101/4 lbs fresh beef, 101/4 lbs vegetables and 8 lbs soft bread.

W. Roy Mansfield
Ensign U.S.N.

8 P.M. to Meridian.

Clear and pleasant - barometer rising - gentle breeze from N. At 9.30 Lad quarters, 1st Division - Artillery 2nd - Infantry; Nav, Gatling gun - Powder, Gatling guns.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Light & gentle breezes from N.N.E. Released Mahoney (C.M.) from confinement by order of Commanding Officer.

P. Ellestone
Ensign U.S.N.

4 to 8 P.M.

Clear & pleasant - barometer falling - low water. Light breeze from N.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight

Clear & pleasant. Calm to light airs from W. & N.E.

P. Ellestone
Ensign U.S.N.

Examined and found to be correct.

L. K. Snow
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Buenos Ayres. A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. Ely E	North	1			29-80	84	81	76		bc.	cu. str	9	
2				"	N.N.E.	3			29-81	83	80	74		"	"	9	
3				"	"	4			29-80	81	80	74		"	"	8	
4				"	"	4			29-78	80	78	74		"	"	8	
5				"	N.N.W.	2-4			29-78	81	77	74		"	"	8	
6				"	"	3			29-78	81	78	74		"	"	8	
7				"	"	3			29-78	79	79	75		"	"	9	
8				"	"	2			29-79	79	79	75		"	"	9	
9				"	"	2			29-79	80	80	76		"	"	9	
10				"	"	2			29-77	82	82	77		"	"	9	
11				"	"	2			29-77	84	84	78		"	"	9	
Noon.				"	"	2			29-77	85	85	78		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1984 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 147 " 2054 "

P. M.												
1		S E by E	North	2	29-78	86	86	78	bc	cu cum	6	
2		"	"	2	29-75	87	87	79	"	"	6	
3		"	"	2	29-73	87	88	80	"	"	7	
4		"	"	2	29-71	87	87	80	"	"	7	
5		"	"	2	29-70	87	87	81	"	"	7	
6		"	"	2	29-70	87	86	79	"	"	9	
7		"	N.N.W.	1	29-70	86	86	78	"	"	9	
8		"	"	1	29-70	87	86	79	"	"	9	
9		"	"	2	29-69	88	86	79	fcl	"	9	
10		"	"	2	29-69	87	86	78	"	"	9	
11		"	"	2	29-70	87	85	78	"	"	9	
Mid.		"	"	2	29-70	87	85	77	"	"	9	

under the command of L. Snow, Commander, U. S. Navy,

Tuesday, January 19th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - Light airs from North to NNE. increasing in force to moderate breeze

Geo. L. Holman
Lieut. U.S.N.

4 to 8 A.M.

Bright and sultry - barometer steady - light to gentle breeze from N.N.W.

J. T. Hunter
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Light breeze from N.N.W. At 9.30, mustered at quarters and exercised Divisions as follows - 1st Div. Artillery, 2d Div., Infantry; Powder Div., Gatling; Nav. Div. Petty exercise. The Surg. Officer assigned the following punishments viz:

Sliney, John (Sea) 15 minutes overtime and drunk, reduced to 4th class, 3 months and $2.50 Monthly Money - Rodriguez, M. Stg. Steward) Fighting - Disrated to Landsman.

A. Ellerstone
Ensign U.S.N.

Meridian to 4 P.M.

Clear and hot - Light breeze from North. Received in Quarters Department from Tallapoosa, the following Stores, 15 bxs Ham; 7 bbls tomatoes, 17 lbs Canned vegetables; 15 bxs Meat, 10 bxs Sausage; 4 of Butter, 4 Kgs Pickles, 1 drum Molasses, 1 bbl Bacon, 1 bbl Vinigar, 1 of Flour; 2 of Beans; 1 of Rice. Received stores from Tallapoosa for transfer to Chicago and Atlanta. - The Quarterly Board of Inspection, condemned two cans of sausages, and by its recommendation they were thrown away

Geo. L. Holman
Lieut. U.S.N.

4 to 8 P.M.

Clear, —— warm, and pleasant. Light breeze to light airs from North to N.N.W.

F. H. Prime
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and warm - Light breeze from NNW. Lightning in the S.W.

Geo. L. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3 Rate,
Buenos Ayres, A. R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.Sly.E.	N.NW.	1			29-70	85	83	77		c	cir cum	8	
2				"	"	1			29-70	85	83	77		"	"	9	
3				"	"	1			29-69	85	83	77		"	"	9	
4				"	"	2			29-69	85	82	77		"	"	9	
5				"	"	2			29-69	83	81	76		c	non	10	
6				"	"	3			29-69	83	82	77		"	"	10	
7				"	"	3			29-69	82	83	77		"	"	10	
8				"	"	3			29-69	82	84	77		"	"	10	
9				"	North	2			29-69	83	85	79		"	"	10	
10				"	"	2			29-67	84	86	80		"	"	10	
11				"	"	4			29-66	86	89	80		"	"	10	
Noon.				"	"	3			29-65	87	88	80		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 680 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1304 "

Coal consumed during the preceding 24 hours, tons 760 lbs.

Coal remaining on hand at Noon, 147 " 1294 "

P. M.															
1				S.Ely.E.	North	4			29-62	89	89	82	Cum	cir cum	9
2				"	"	4			29-60	89	89	82	"	"	9
3				"	Nby.W.	4			29-55	89	89	82	"	"	9
4				E. ½ S.	"	4			29-52	88	89	81	"	"	9
5	5	5		E. ¾ S.	"	4			29-52	87	85	80	"	"	7
6	10	8		"	"	2			29-53	87	85	80	"	"	6
7	10	5	26.4	"	"	3			29-57	88	86	79	"	"	6
8			36.2	SE "4 S.	West	3			29-59	88	86	79	Cum Nim	"	2
9			47.5	"	SSW.	2			29-61	91	88	81	ni cum	"	4
10			56.0		E.	1			29-61	90	85	80	"	"	7
11			64.8	S.Ely.E.	E.S.E.	1			29-59	87	83	80	"	"	7
Mid.			72.0	East	"	1			29-60	87	84	79	"	"	7

under the command of A. L. Snow Commander, U. S. Navy,
Wednesday January 20th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear, bright moon + starlight. Light airs to light breeze from N.W.

T. Irwin
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Light and gentle breezes from N.N.W. Received in Pay Dept. 112½ lbs fresh beef and vegetables, and 82 lbs fresh bread

A. Allison
Ensign, U.S.N.

8 A.M. to Meridian.
Clear and hot. Light to moderate breeze from North. At 9.30, mustered at quarters; J B Nolan (Pvt M.C.) was absent, but returned later, 18 hours overtime. At 10 dressed ship, masthead, English flag at the main and half masted the flags following the motions of the Beagle, on the occasion of the funeral of the Duke of Clarence. Started fires under three boilers - Received from Tallapoosa, with bags, hammocks and transfer papers the following men, viz: Baley, W.M. (Seaman 1st class); Barrett W.R.; - Cloyd, E.L.; - Fehon C.G.; - Haley F.P.; - Kelsey F.A.; - Sutterley W.C.; 2 Webb A.T.; 8 Sea. Apprentices, 1st class; and Miller, Thomas, Ordinary Seaman. - Received from Tallapoosa, two marines for transfer to the Bennington. By order of Commanding Officer, A.D. Pentecost (Lds), was discharged at his own request waiving all transportation claims and consular aid; and A.R. Brown (S. App 2d class) and F.F. Sullivan (S. App. 1st class) were transferred to the U.S.R.S. "Minnesota" with their bags, hammocks and transfer papers. - Engaged in receiving Medical Stores from the Tallapoosa, and also Engineers Stores for transfer to the Chicago, Atlanta and Bennington.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear warm and pleasant. - Misty along horizon. - Moderate breeze from North to N by W. Barometer falling rapidly - Pilot came on board at 2; took tugs; cast off lines and stood out of Darsena in charge of pilot - Discharged pilot off outer buoy at 4 P.M. - Draft forward 13'.10"; amidships 15'.2" Aft 16.8

T. Irwin
Lieut U.S.N.

4 o'clock, to 8 P.M.
Clear and warm, Moderate to light breeze from N by W. to West - Stood out under conn of the Navigator, and at 4.27 took departure, - wreck S.E. end of Guemar Flats bearing North distant ¼ mile. Set the Course E. ¾ S.; put over Pat. log. At 4.10 set fore and aft sail, except flying jib. At 5. hauled down the masthead flags, and made plain sail, to top gallant sails, except mainsail. - 7.10 changed course, to round Chico Lt. ship, to E ¼ N. pat. log 32½ - At 7.53 rounded Chico, changing course to S.E. ¼ S. pat. log 35; av. steam 73.5; revolutions 52.4.

Geo. F. Holman
Lieut U.S.N.

8 to Midnight.
Fair weather; Light breeze from S.S.W. shifting to S.S.E and E.S.E. Lightning to S, and E.S.E, Moon rose about 10.45 behind heavy bank of clouds. Took in and furled sails at 9.30. At about 10. made Indio Pt. Lt. ship on port bow. At 10.42 changed course to S.E. by E; Light Ship abeam. Pat. log 62. - At 11.12 changed course to East, pat. log, 66. - Let fires die out in one boiler. Commenced distilling at 10. - Average steam 72. - Rev., 50.3.

Examined and found to be correct.

T. Irwin
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lundin
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Making passage from Buenos Ayres, to Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1			79	N.E. by E.	S.E.	3.			29.57	86	84	79		bcl.	cu-cum. cu-nim.	H.	
2			82½	"	North	4			29-57	86	84	79		"	"	3	
3			84	"	N.N.E.	4			29-56	85	83	77		ocl.	nimb	1	
4			86½	"	"	4			29-56	84	82	74		"	"	0	
5			91.	S.	S.W.	4-6			29-51	82	81	77		oclqpst.	"	0	
6				S.W. by S.	S.	6-8			29-69	80	71	70		oclpqr.	"	0	
7				South	S.S.E	6-7			29-64	84	72	71		"	"	0	
8				S.E.	S.E.	4-5			29-62	81	73	72		oclpq.	"	0	
9				S. by E.	East	1			29-74	78	75	74		ocp.	"	0	
10			92.5	N.E. by N.	North	1			29-76	78	75	74		"	"	0	
11			100-3	N.E. by E.	N.E.	2			29-77	78	75	72		oc	"	0	
Noon.				"	"	2			29-77	76	75	73		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, · knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 375 gallons.

Water during the preceding 24 hours, 993 "

Water remaining on hand fit for use at Noon, 1920 "

Coal consumed during the preceding 24 hours, 1 tons 1280 lbs.

Coal remaining on hand at Noon, 14 " 14 "

P. M.																	
1			S.W.	S.E.	3				29-76	77	76	73		oc.	cum nim	0	
2			"	"	3				29-76	76	75	73		"	"	0	
3			"	"	3				29-78	76	75	73		"	"	0	
4			"	"	3				29-78	76	74	72		"	"	0	
5			S.W.	South.	6				29-78	74	74	70		"	"	0	
6			South.	S.S.E.	6				29-80	74	72	67		oc.	nimb	0	
7			S. by E.	"	6				29-85	77	72	66		ocp.	"	0	
8			"	"	6				29-88	79	73	66		oc	"	0	
9			"	"	6				29-91	80	72	65		"	"	0	
10			"	"	6				29-94	78	72	66		"	"	0	
11			"	"	6				29-97	78	71	66		"	"	0	
Mid.			"	"	6				29-99	78	70	65		bcp.	"	2	

under the command of A. S. Snow Commander, U. S. Navy,

Thursday January 21st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Fair then overcast; gentle breeze from S.E. hauling to North. At 12.20 Pat.Log 75: changed course to NE by E. — Steaming very slowly; Average steam 70.5 av. revolutions 32

W. Roy Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.

Overcast, with moderate breze from NNE until 4.50. with much thunder and lightning in the S.W. and dark squally appearance in that quarter. At 4.50, the wind suddenly shifted to the S.W. in heavy squalls of force of moderate gale, with very heavy rain; at 7 the squalls abated in force and the wind hauled to S.E. falling to steady moderate breze at 8. At 4.00 sighted the Cerro Light, bearing, approximately N.E. ½ N. — At 5.03 took in the patent log: Starboard log reading 91.2, and port 98. — At 5.15, let go both bowers in 4 fathoms of water; veering 75 fathoms on the port chain and 60 fathoms on the starboard chains, tending S.W. Banked fires. At 5.20 sent down topgallant yards. At 8. made out The Cerro, bearing NE by N. Av. steam 68 revolutions 22.

Ensign W. Roy Mason Field
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy with rain squalls along horizon. Light airs to light breze from East to NE to North. At 9.45 got underway and stood in on course N.E. by N. Pat log reading 91.2; crossed light yards and made preparations for sport. Called all hands Called all hands bring ship to anchor, and at 12 anchored on bearing N.W., from Chicago; with port anchor, 45 fathoms chain, in 4 fathoms water. Draft when getting underway; 13'-10" forward 15'-2" amidships and 16.6 aft; and at anchoring, 13'.10" forward, 15'-2" amidships, and 16.5" aft. - Bearings from anchorage - El Cerro, N.W. ½ W. (mag.) Cathedral N.E. by N. (mag.); chimney, Piedras Pt, N ½ E. (mag.). The following signals were made, - Essex to Chicago, Lit. 12 11. - Chicago to Essex, 231, 148, num., 3, and 2121. Banked fires -

Lieut. U.S.N.

Meridian to 4 P.M.

Overcast and drizzling; gentle breze from S.E. Hauled down quarantine flag. Fires banked. An officer called from French Corvette - Saye - &

W. Roy Mason Field.
Ensign U.S.N.

4 to 8 P.M.

Cloudy with occasional light drizzle. Strong breze from South to S.E. - Fires banked - Let go starboard anchor 45 fathoms on each chain. Commanding Officer paid an official visit to the Flag ship.

Lieut. U.S.N.

8 P.M. to Midnight

Examined and found to be correct.

Overcast and cloudy - Stiff breze from S.S.E. - Fires banked.

W. Roy Mason Field.
Ensign U.S.N.

J. K. [illegible] Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.S.E.	3-6			30-04	77	70	64		o c q.	cum/strm	0	
2				S.S.E.	"	3-5			30-04	72	69	63		"	"	0	
3				"	"	3-5			30-04	72	69	62		"	"	0	
4				"	"	3-5			30-04	72	69	62		b c q p.	"	1	
5				S.S.W.	"	4			30-06	72	69	62		bc.	"	7	
6				S.W.by S.	"	4			30-09	72	69	62		"	"	7	
7				W.by S.	"	4			30-11	71	69	61		"	"	8	
8				W.S.W.	"	4			30-12	72	69	61		"	"	9	
9				"	"	3			30-12	72	69	62		bc	cir cum	8	
10				"	W.S.W.	2			30-15	72	70	62		"	"	8	
11				"	"	2			30-16	74	71	63		"	"	8	
Noon.					West.	2			30-17	74	71	63		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 385 gallons.

Water distilled during the preceding 24 hours, 1465 "

Water remaining on hand fit for use at Noon, 3000 "

Coal consumed during the preceding 24 hours, 2 tons 240 lbs.

Coal remaining on hand at Noon, 137 " 2014 "

P. M.														
1		West.	West.	2	30-17	75	73	63		bc.	cir str.	6		
2		"	"	2	30-19	75	74	63		"	"	7		
3		"	"	2	30-19	76	75	63		"	"	9		
4		"	"	3	30-19	76	75	64		"	"	8		
5		"	South	2	30-17	77	75	66		"	cum.	9		
6		"	"	2	30-15	75	76	65		"	"	9		
7		"	"	2	30-15	75	75	65		b.	none	10		
8		"	"	2	30-16	77	75	65		"	"	10		
9		"	"	4	30-16	77	74	64		"	"	10		
10		W.by S.	"	3	30-16	76	74	63		"	"	10		
11		"	"	3	30-19	76	73	69		"	"	10		
Mid.		"	"	3	30-21	76	73	65		"	"	10		

under the command of A. L. Snow Commander, U. S. Navy,

Friday January 22d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Overcast – wind from S.S.E. – Moderate squalls – barometer steady –

J. T. Hawkins
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Moderate breeze from S.S.E. to S.E. Under banked fires. Hove up Starboard anchor. Chicago made ~~gunnd~~ uniform signals 3340. 3956, 6375, and 6379. – Essex made Sent, 5455, and hoisted sails to dry

W. H. Harrison
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine; light breez from W.S.W. and W. Mustered at quarters – Sent an offiar to return the call made by the French Cruiser Jane. An officer from H.B.M.S. Magpie, called officially on H.M.S. Cleopatra, and H.M.S. Raisbeck, left the harbor. By order Comdg Officer, Detroit (2d) was rated to Boyman from Jan. 1st, 1892.

W. Rx Mason Field.
Ensign. U.S.N.

Meridian to 4 P.M.

Clear and pleasant; – barometer steady; – light breeze from West. Furled sail at 3.30. Stopped distilling.

J. T. Hawkins
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine, –
Light breeze from S

W. Rx Mason Field.
Ensign. U.S.N.

8 P.M. to Midnight.

Clear and pleasant – barometer steady – gentle breeze from S. Standard all fires.

J. T. Hawkins
Lieut. U.S.N.

Examined and found to be correct.

M. K. Simms
Lieut., Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				West	South	2			30-23	76	75	62		bc.	Circum	9	
2				W by S	"	3			30-23	75	72	64		"		9	
3				"	S.E.	2			30-23	74	71	64		"		9	
4				"	"	2			30-23	73	71	64		"		9	
5				West.	"	3			30-24	73	71	64		"	cum	9	
6				"	East	3			30-25	72	71	65		b	none	10	
7				W.N.W.	"	3			30-27	72	71	65		"	"	10	
8				N.W by W.	N.E.	3			30-27	72	71	66		bc.	Cir	9	
9				"	"	3			30-28	73	71	65		"	"	9	
10				West	"	1			30-30	76	74	65		"	"	8	
11				"	"	1			30-30	74	72	64		"	"	9	
Noon.				"	S.W.	1			30-28	74	73	65		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 495 gallons.

Water during the preceding 24 hours, 231 "

Water remaining on hand fit for use at Noon, 2736 "

Coal consumed during the preceding 24 hours, tons 1630 lbs.

Coal remaining on hand at Noon, 137 " 984 "

P. M.												
1	W by S.	S.W.	2	30-24	74	73	66	fc	cir cum	9	
2	"	"	2	30-27	74	74	65	"	"	9	
3	"	"	2	30-25	74	74	65	"	"	9	
4	"	S.E	2	30-23	73	74	65	"	"	9	
5	"	East	1	30-21	74	74	65	"	"	9	
6	"	"	2	30-19	75	75	66	"	"	9	
7	"	"	2	30-19	75	76	67	"	"	8	
8	"	E.N.E.	2	30-19	78	76	68	"	"	8	
9	West.	N.E.	3	30-17	78	76	67	fc	none	10	
10	N.W.	"	4	30-18	77	74	64	"	"	10	
11	"	N.N.E	4	30-17	76	72	65	"	"	10	
Mid.	"	"	3	30-16	75	71	65	"	"	10	

under the command of A. S. Snow Commander, , U. S. Navy,

Saturday January 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Clear and pleasant; Light and gentle breeze from South and S.E.

C. M. Cone
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. Variable gentle breeze - Flagship made dress signals.

W. Ray Mason Field.
Ensign, U.S.N.

8 A.M. to Meridian.
Bright and pleasant - barometer fluctuating - gentle to light variable breeze

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Clear and pleasant; - light breeze from S.W. and S.E. Sent stores to "Atlanta".

C. M. Cone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant, - barometer falling slowly; - light airs to light breeze from S.E. and E. Hmf Beagle, came in and anchored.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant; Gentle and moderate breezes from N.E. and N.N.E.

C. M. Cone
Ensign U.S.N.

Examined and found to be correct.

W. K. Lamson
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.N.E.	4			30-16	74	70	65		☾	none	10	
2				"	"	4			30-16	73	70	63		"	"	10	
3				N.W. by N.	North	4			30-13	72	67	61		"	"	10	
4				"	"	5			30-12	72	66	61		"	"	10	
5				"	"	5			30-13	72	66	61		☾c.	cum	9	
6				N.N.W.	N.N.W.	5			30-12	67	65	61		☾	none	10	
7				"	"	5			30-12	69	67	61		"	"	10	
8				N.W. by N.	"	5			30-13	72	70	63		"	"	10	
9				N.W.	N.W. by N.	5			30-12	74	73	65		"	"	10	
10				"	"	5			30-12	76	75	66		"	"	10	
11				"	"	4			30-11	77	77	68		"	"	10	
Noon.				W.N.W.	W.N.W.	4			30-11	78	79	70		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 496 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2240 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 137 " 584 "

P. M.																	
1				South	S.W.	3			30-08	78	78	71		☾	none	10	
2				S.E.	"	3			30-04	77	77	71		"	"	10	
3				E.S.E.	"	3			30-03	77	78	71		"	"	10	
4				"	"	3			30-01	78	78	72		"	"	10	
5				"	"	3			29-97	78	78	72		☾c.	circum	8	
6				E by S.	W. by S.	3			29-97	78	78	73		"	circum Th	7	
7				"	N.W.	3			29-97	79	75	74		"	"	7	
8				East	"	3			29-96	80	78	73		"	"	5	
9				"	N.N.W.	2			29-96	81	77	73		☾cl.	"	6	
10				E.N.E.	"	3			29-96	80	77	70		"	"	7	
11				N.E. by N.	"	3			29-96	79	76	70		"	"	8	
Mid.				N by W	"	3			29-96	78	75	68		"	"	8	

under the command of A. S. Snow Commander, U. S. Navy,

Sunday, January 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced until 4 A. M.
Clear and pleasant. Moderate to stiff breeze from N.N.E. to North.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant - Barometer steady - fresh breeze from N.E.

J. T. Nadel
Lieut U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Moderate and fresh breezes from N.W. by N. to W.N.W. At 9.30 Condy Officer inspected ship and crew at quarters. At 9.00 made signal numeral 0; at 10.00 signal numeral 4, and at 12.00, signal numeral 137.

C. Malone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breeze from S.W. The Maghee left the dry dock and went into the inner harbor.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant: Gentle breezes from S.W. to S. and N.W. Sent visiting party to U.S.S. Chicago.

C. Malone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breze from N.N.W. - Distant lightning in the South.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Jensen
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 2d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.by N.	N.W.	3			29-95	79	73	71		hcl.	cum.str.	9	
2				N.W.	N.W.	2			29-94	79	73	71		hc.	"	9	
3				South.	S.E.	3			29-94	79	93	71		"	cir.cum.	8	
4				S.E.	"	4			29-94	78	72	68		"	"	8	
5				S.E.by S.	"	4			29-95	77	71	65		hcm.	"	7	
6				E.S.E.	E.S.E.	3			29-97	73	71	66		"	"	8	
7				E.by S.	"	3			29-95	75	72	65		"	"	8	
8				"	East.	3			29-98	74	73	66		hc.	"	8	
9				East.	"	3			29-99	75	74	67		hcm.	"	7	
10				E.S.E.	S.S.E.	3			29-99	76	75	70		"	"	6	
11				S.S.E.	S.E.	3			30-02	76	75	68		"	"	6	
Noon.				"		4			30-02	75	74	68		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 384 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1856 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 137 " 184 "

P. M.												
1	S.S.E.	S.E.	4	30-01	75	73	66	hcm	cir cum	2		
2	"	"	4	30-01	74	72	66	"	"	5		
3	S.E.	"	4	30-01	74	72	65	"	"	6		
4	E.S.E.	E.S.E.	5	30-01	74	72	65	"	"	5		
5	S by E.	"	5	30-00	74	71	64	"	"	5		
6	"	"	5	29-99	73	70	63	"	"	8		
7	"	"	5	30-00	73	69	62	"	"	6		
8	"	"	5	30-02	73	69	62	"	"	5		
9	E.S.E.	"	5	30-06	75	69	63	hc.	Cir.Cum.Nimb	6		
10	"	"	5	30-07	76	68	63	"	"	4		
11	"	"	5	30-08	75	68	62	"	"	3		
Mid.	"	"	4-5	30-00	74	67	61	"	"	4		

under the command of A. S. Snow Commander, U. S. Navy,
Monday January 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commence and until 4 A.M.

Clear and pleasant - Bright moon and starlight. Lightning to Sd., first hour. Gentle to light breeze from N.W. to N.W., shifting to S.E., during third hour, and freshening last hour.

W. H. Irwin
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Gentle and moderate breezes, from S.E., E.S.E. and East. - Chicago made dress signals as follows, 3370, - 3955, - 6375, - 6379. Received in Pay Dept. 1133½ lbs., fresh beef and vegetables, and 91 lbs fresh bread.

C. S. Stone
Ensign U.S.N.

8 A.M., to Meridian.

Hazy. Fair. Gentle to moderate breeze from East to S.S.E. At 9.30 - mustered at quarters and drilled the divisions at Infantry and Artillery - Instructed the Apprentices in signalling. - The Commanding Officer of the Atlanta, paid an official visit. The following signals were made by us to the Flagship, at 9, numeral 0; at 10, numeral 4, and at 12 numeral 137.

The Commanding Officer adjudged the following punishments, viz: Post. R. (1st Class), Using abusive language to orderly, - 3 mid-watches; Nolan J.B. (Private M.C.) 1) 18 hours overtime, reduced to 3rd class 1½ months; 2) Having clothes in Lucky Bag, reduced 1 week 3rd class, additional.
Boothby C. (OS). Disobeying orders of Corporal Guard; - reduced to 4th class, 3 months, $2.50 Monthly Money and 3 night watches.

Jas. G. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Partly cloudy, pleasant. Moderate to fresh breeze from S.E. to E.S.E., with moderate sea, increasing latter part of watch. Exercised 1st and 2d divisions at setting up drill. At 3. Flagship made general signal 3350.

W. H. Irwin
Lieut. U.S.N.

4 o'clock to 8 P.M.

Clouding over. Stiff breeze from E.S.E. Moderate sea. Sent the 1st, and 2d cutters in, with two boats from each of the other vessels of the squadron, in tow of a tug, to take part in the parade in celebration of the removal of port duties.

Jas. G. Holman
Lieut. U.S.N.

8 P.M. to Midnight

Partly cloudy, pleasant weather. Fresh breeze from E.S.E. Moderate sea. Boats from Essex, Bennington, returned at 8.30, in tow of a tug; those from Chicago and Atlanta, fouled a merchantman and returned to inner harbor for refuge.

W. H. Irwin
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut., Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	E.S.E.	4			30-06	74	68	61		be	cr cum	6	
2				"	"	4			30-06	74	68	61		"	"	4	
3				"	"	4			30-07	74	67	59		"	"	6	
4				"	"	4			30-07	73	67	60		bcl	"	2	
5				"	"	4			30-07	73	67	59		"	"	5	
6				"	"	3			30-10	69	67	60		be	"	3	
7				"	"	3			30-11	70	68	60		"	cr.cum. Str.	2	
8				"	"	2			30-11	70	67	60		"	"	2	
9				"	"	2			30-16	71	70	61		"	"	8	
10				S.S.E.	"	2			30-16	71	69	61		"	"	8	
11				"	"	3			30-17	72	69	61		"	"	8	
Noon.				South	"	3			30-16	71	70	63		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 374 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1482 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 136 " 2024 "

P. M.														
1		S.W. by W.	S.E.	3	30-16	72	71	62		be	cr cum	8		
2		W.S.W.	"	3	30-16	72	72	64		"	"	7		
3		S.W.	S.S.E	3	30-16	72	72	64		"	"	6		
4		S by W.	"	4	30-15	73	71	64		"	"	6		
5		S.S.E.	"	3	30-14	73	69	61		"	"	7		
6		"	"	3	30-14	71	69	61		"	"	7		
7		"	"	3	30-14	72	68	61		"	"	7		
8		"	"	3	30-15	75	68	61		"	"	7		
9		"	South	3	30-15	75	67	60		"	"	8		
10		"	S.S.E.	3	30-16	76	66	60		"	"	6		
11		"	"	3	30-17	76	66	60		"	"	8		
Mid.		"	"	3	30 17	75	66	64		"	"	8		

under the command of L. S. Snow Commander, U. S. Navy,
Tuesday, January 26th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ until 4 A.M.
Fair and pleasant -
Moderate breeze from E. S.E.

W. Ry Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Cloudy. Moderate to light breeze from E.S.E. Distant lightning in the N.E. first hour. At 6, the Beagle went out bound for Maldonado. At 7, the Flagship made dress signals.

Luigi F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light to gentle breeze from E.S.E. At 9.30 - mustered at quarters and exercised divisions as infantry or artillery. The Commanding Officers of Chicago & Dennington paid official visits to this ship. - By order of Commanding Officer, - enlisted Marcus Lazarus, as landsman for the cruise of the Essex.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant; gentle to moderate breeze from S.E. & S.S.E.

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Gentle breeze from S.S.E.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and cool; gentle breeze from S. & S.S.E.

W. Ry Mason Field.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Navigator.

LOG of the UNITED STATES — Steamer Essex — , 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.E.	3			30-17	75	66	60		b.c.	Cir cum Nimb	4	
2				South	S.S.E.	3			30-17	74	66	60		"	"	5	
3				S.W.	"	3			30-15	73	66	60		"	"	6	
4				W.S.W.	"	3			30-14	72	65	60		"	"	6	
5				"	"	3			30-14	72	66	61		"	"	4	
6				"	"	3			30-15	69	66	62		"	"	4	
7				S.W. by S.	"	2			30-15	70	67	62		"	"	4	
8				"	"	2			30-15	71	67	62		"	"	7	
9				S.W.	South.	2			30-15	71	67	62		"	"	6	
10				W.S.W.	"	2			30-14	70	68	62		"	"	7	
11				W. by S.	"	2			30-13	69	69	63		"	"	7	
Noon.				"	"	3			30-13	69	69	63		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 484 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 998 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 136 " 1624 "

P. M.														
1		W by S	S.S.W.	3	30-12	68	69	63	b.c.	cir cum	9			
2		West	"	3	30-12	70	69	62	"	"	9			
3		W. by S.	"	3	30-10	70	69	61	"	"	9			
4		"	"	2	30-09	70	68	61	b	none	10			
5		"	S.S.E.	3	30-07	70	67	62	b.c	cir cum	9			
6		W. S.W.	S.E.	3	30-05	79	69	62	"	"	9			
7		S.W by S.	"	3	30-05	70	68	62	"	"	9			
8		South.	East.	3	30-04	72	68	62	"	"	9			
9		S.E.	"	2	30-04	74	68	62	b.c	"	8			
10		East.	N.E.	2	30-03	75	67	62	"	"	9			
11		N.N.E.	"	2	30-03	74	66	60	"	"	9			
Mid.		"	"	2	30-02	74	65	60	"	"	9			

under the command of A. S. Snow Commander, U. S. Navy,

Wednesday January 27th, 18 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and unsettled 4 A.M.

Cloudy and pleasant; barometer falling; gentle breeze from S.E. and S.S.E.

J. T. Hunter
Lieut. U.S.N.

4 to 8 A.M.

Partly cloudy, pleasant weather. Gentle to light breeze from S.S.E. Flagship made uniform signals, 3340, 3956, 6375, and 6379.

[illegible]
Lieut U.S.N.

8 A.M. to Meridian.

Clear and fine; light to gentle breeze from S. Mustered and inspected at quarters, and exercised the infantry battalion. Made the usual routine signals of absentees, sick and coal. Received in Pay Dept, 113 3/4 lbs. fresh beef; 113 3/4 lbs vegetables, and 91 lbs, bread.

W. Roy Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant; gentle breeze from S.S.W. Barometer steady.

J. T. Hunter
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine; gentle breeze from S.S.E. to East

W. Roy Mason Field
Ensign U.S.N.

8 to Midnight.

Clear and pleasant; barometer steady; light breeze from E. and N.E.; commenced distilling

J. T. Hunter
Lieut U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	N.E.	3			30-02	74	64	59		b	none	10	
2				"	"	3			30-01	73	64	59		"	"	10	
3				N. by W.	North	3			30-00	73	63	60		"	"	10	
4				N.N.W.	"	3			29-99	72	63	59		bc.	cir cum	7	
5				"	N.N.W.	3			30-00	72	62	59		"	"	7	
6				"	"	3			30-00	66	62	60		"	"	6	
7				N.W.	"	3			30-00	68	63	60		"	cum/nin	2	
8				N.W. by W.	"	3			30-00	64	65	61		o cm.	"	0	
9				N. by W.	N.W.	3			30-00	61	66	61		oc	"	2	
10				S.W. by W.	W.S.W.	3			29-99	69	68	63		"	"	2	
11				"	W. by S.	3			30-00	70	69	65		"	"	0	
Noon.				"	W.N.W.	3			29-99	71	70	65		"	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 460 gallons.

Water Distilled during the preceding 24 hours, 870 "

Water remaining on hand fit for use at Noon, 1408 "

Coal consumed during the preceding 24 hours, 1 tons 320 lbs.

Coal remaining on hand at Noon, 135 " 1304 "

P. M.													
1		W. by S.	West.	2	29-98	72	71	65	bc.	cir cum/nim	2		
2		W.S.W.	"	2	29-98	72	72	64	"	"	1		
3		"	W.S.W.	2	29-97	72	73	65	"	"	4		
4		S.W.	South	3	29-97	72	73	67	"	"	3		
5		S.S.W.	"	5	29-98	71	70	65	"	"	1		
6		S. by E.	S. by E.	5	29-98	73	69	64	"	"	1		
7		S.E.	S.S.E.	6	29-99	73	68	63	oc.	"	0		
8		"	"	5	30-00	75	68	64	"	"	0		
9		"	"	5	30-04	75	68	64	"	"	0		
10		S by E.	"	5	30-04	75	68	63	ocp	"	0		
11		"	"	4-5	30-04	74	67	63	bcg.	"	4		
Mid.		S.S.E.	"	4-5	30-04	72	66	61	"	"	6		

under the command of A. S. Snow Commander, U. S. Navy,

Thursday January 28th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd Fill 4 A.M.

Clear and pleasant; gentle breeze from North and N.E. Distilling

Chadwick
Ensign U.S.N.

4 to 8 A.M.

Partly fair; gentle breeze from N.N.W. Executed morning orders.

W. Reynolds Field.
Ensign U.S.N.

8 A.M. to Meridian.

Overcast; - barometer steady; - gentle breeze from W'd, At 9.30 General Quarters, divisions ready as follows, viz; 1st, division 3 minutes, 10 seconds; - 2d division, 2 minutes 30 seconds; 3rd, division 3 minutes; - Navigators division 2 minutes; Cooks division 3 minutes, 10 seconds; - Engineers - 1 minute, 50 seconds; Marine Guard 1 minute, 30 seconds; - Pay Department, - 59 seconds; Surgeons in 1 minute, 40 seconds.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy; - Light and gentle breeze from West to South. Distilling.

Chadwick
Ensign U.S.N.

4 to 8 P.M.

Cloudy and pleasant; barometer steady; - Fresh breeze from S - S by E and S.S.E. - Carried away rudder pintles of first cutter and fwd. split woodwork of port gangway ladder.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.

Cloudy with passing showers, first part, - clearing last part; moderate and fresh breezes from S.S.E. - Distilling -

Chadwick
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut - Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.E.	4			30-05	73	65	59		b.c.	cir cum mi	4	
2				"	"	4			30-05	73	65	59		"		4	
3				S by W.	South	4			30-05	73	65	60		"		4	
4				S.S.W.	S.S.W.	3-4			30-05	72	65	60		b.c.q.		5	
5				S.W. by W.	"	3-5			30-06	68	65	61		"	cir mim,	3	
6				"	"	4-5			30-07	68	64	59		"	"	3	
7				W.S.W.	"	4-5			30-08	67	64	59		b.c.q.p.	"	1	
8				"	South	4-5			30-10	67	64	59		b.c.q.	"	4	
9				"	"	4			30-11	67	64	59		b.c.	"	5	
10				S.W. by W.	"	4			30-11	68	65	60		"	"	4	
11				"	S.S.W.	4			30-12	69	65	60		"	"	4	
Noon.				W.S.W.	South	5			30-12	70	66	59		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 485 gallons.

Water Distilled during the preceding 24 hours, 1957 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, 1 tons 1220 lbs.

Coal remaining on hand at Noon, 134 " 84 "

P. M.														
1		W.S.W.	S.W.	4	30-12	70	66	59	b.c	cir cum mi	5			
2		W. by S.	"	4	30-12	71	68	61	"	"	5			
3		"	S.S.W.	4	30-10	70	68	61	"	"	4			
4		"	"	4	30-09	70	68	61	"	"	6			
5		"	"	4	30-08	70	68	62	"	"	4			
6		W.S.W.	"	4	30-06	71	66	61	"	"	2			
7		"	"	3-4	30-07	71	66	60	b.c.p.	"	5			
8		"	"	3	30-07	74	66	60	b.c.	"	6			
9		S.S.W.	"	4	30-10	75	65	59	"	"	5			
10		S by W	"	4	30-10	76	65	59	b.c.p.	"	2			
11		"	"	5	30-10	75	64	59	b.c.	"	5			
Mid.		"	"	5	30-10	73	64	59	"	"	7			

under the command of A. L. Snow Commander, U. S. Navy,

Friday, January 29th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Fair. - Moderate breeze from S.S.E. to S.S.W. Moderate sea - Distilling -

Geo. F. Holman
Lieut. U.S.N.

4 to 8 A.M.

Cloudy - fresh breeze from S.S.W., and S. - Barometer rising; - occasional showers. - Received in Pay Department, 113¾ lbs fresh beef - 113¾ lbs fresh vegetables - 9 lbs soft bread.

J. W. Neville
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy - Moderate and fresh breezes from South and S.S.W. Made signal, numeral 0 at 9.00. - At 9.30 mustered at quarters and exercised divisions as follows, 1st div. Sailing; 2d. Infantry; - Powder - artillery - Navigators, Infantry.

At 10.35 went to fire quarters, times as follows, —— 1st, Stream 1 minute and 15 seconds; 2nd stream, 1 minute and 35 seconds; 3rd stream, 1 minute and 40 seconds; 4th stream, 1 minute and 45 seconds.

At 10.00 made signal, numeral 4. At 12 made signal, numeral 134. Distilling.

P. Gillmore
Ensign. U.S.N.

Meridian to 4 P.M.

Fair. Moderate breeze from S.W. to S.S.W. Moderate sea. — At 1. Flagship signalled 298½ and. At 2.30 stopped distilling and let the fires die down. Made monthly inspection of dry gun cotton.

Geo. F. Holman
Lieut. U.S.N.

4 to 8 P.M.

Cloudy. Gentle and moderate breeze from S.S.W.

P. Gillmore
Ensign. U.S.N.

8 P.M. to Midnight.

Generally fair with passing masses of clouds. Moderate to stiff breeze from S.S.W. At light passing shower second hour.

Geo. F. Holman
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.S.W	6			30-08	73	63	61		bc.	cir cum nimb	4	
2				SWby W.	"	6			30-04	73	63	61		"	"	4	
3				W.S.W.	"	5			30-05	74	63	62		"	"	7	
4				"	"	4			30-03	70	63	62		"	"	7	
5				"	"	4			30-05	70	63	62		bc.	"	0	
6				"	"	4			30-06	68	63	62		"	"	6	
7				SW. by W.	"	4			30-08	67	63	62		bcd	"	1	
8				S.S.W.	"	3-4			30-09	67	63	59		bc	"	1	
9					"	3			30-10	67	64	60		"	"	2	
10				South	"	3			30-11	67	64	60		"	"	2	
11				"	"	3			30-11	68	65	61		"	"	1	
Noon.				S. by W.	"	3			30-12	68	66	61		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 442 gallons.

Water during the preceding 24 hours, 362 "

Water remaining on hand fit for use at Noon, 2800 "

Coal consumed during the preceding 24 hours, tons 1750 lbs.

Coal remaining on hand at Noon, 133 " 574 "

P. M.															
1				S.W.	South	3			30-12	69	66	62		bc	cirrum nimb	5	
2				W.S.W.	"	3			30-12	70	69	64		"	"	5	
3				"	"	3			30-12	70	70	64		"	"	5	
4				W by S.	"	2			30-12	70	70	64		"	"	7	
5				"	"	3			30-10	70	70	64		"	"	6	
6				"	S.S.E.	3			30-10	70	69	64		"	"	5	
7				"	"	3			30-10	70	68	63		"	"	7	
8				W.S.W.	S.E.	3			30-10	70	67	62		"	"	7	
9				S.S.E.	"	2			30-13	74	67	62		"	"	7	
10				S.E by S.	"	2			30-14	75	67	62		"	"	6	
11				"	"	1			30-14	75	66	62		"	"	6	
Mid.				"	"	1			30-14	74	66	62		"	"	7	

under the command of A. S. Snow Commander, U. S. Navy,
Saturday, January 30th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Generally clear & cool. Fresh to moderate breeze from S.S.W. — Moon rose about 3.45.

~~F. A. Wilcox~~
Lieut. U.S.N.

4 to 8 A.M.

Cloudy with light rain 3d hour. Gentle and moderate breezes from S.S.W. — At 6.55, Chicago made uniform signals as follows, 3340; 3955 & 3779, 6375.

~~J. H. Glennon~~
Ensign U.S.N.

8 A.M. to Meridian.

Cloudy. Gentle breeze from S.S.W. — Moderate uneasy sea. Aired bedding. Signals during watch; Essex to Flag at 9; numeral 0; at 9.30, Int, 1017; ans'd, Aff; at 10 num, 3; at 11.20 Int, 2240; ans'd, aff: and at 12 numeral 133. — Flag to Essex at 10.30, "Give no more liberty to men until further orders". Flag to Atlanta & Bennington, at 10, 3093.

~~Geo. L. Wilkinson~~
Lieut. U.S.N.

Meridian to 4 P.M.

Partly cloudy warm and pleasant. Gentle breeze from South, with moderate lumpy sea.

~~F. A. Wilcox~~
Lieut. U.S.N.

4 o'clock to 8 P.M.

Clear and pleasant. Gentle breezes from South to S.S.E. By order of Commanding Officer, enlisted John Esser, as landsman, for the cruise of the Essex

~~Geo. L. Wilkinson~~
Lieut U.S.N.

8 P.M. to Midnight.

Clear and pleasant: starlight; Light breeze to light airs from S.E.

~~F. A. Wilcox~~
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	ESE	2			30-13	73	66	62		b	none	10	
2				S.SW.	SSE.	1			30-12	73	66	62		"	"	10	
3				West.	Calm.	0			30-11	71	66	62		"	"	10	
4				"	North	2			30-11	68	66	63		"	"	10	
5				"	N.N.W.	2			30-10	68	66	62		b.c.	cum	8	
6				W by N.	"	3			30-12	66	65	63		bcm	"	8	
7				"	"	3			30-13	66	64	61		"	"	9	
8				"	"	2			30-14	66	65	62		"	"	9	
9				S.W by W.	"	3			30-12	68	66	62		b.c	cr cum	9	
10				S.E by E.	West	3			30-11	68	67	63		"	"	9	
11				E.S.E	W.S.W.	2			30-11	68	68	64		"	"	9	
Noon.				"	S.S.W.	2			30-12	69	69	64		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 400. gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2400. "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 133 " 174. "

P. M.													
1	S.E. by S	SSW.	2	30-12	68	69	65	b.c.	cr cum	9	
2	S by E	South	1	30-11	70	70	65	"	"	9	
3	S.W. by S.	S.E.	1	30-10	70	70	65	"	"	9	
4	W.S.W.	"	2	30-08	70	70	65	"	"	9	
5	West.	"	1	30-07	69	70	65	b	none	10	
6	W by N.	East.	1	30-06	70	72	67	"	"	10	
7	"	"	1	30-06	71	71	67	"	"	10	
8	N.W.	N.N.E.	2	30-06	73	71	66	"	"	10	
9	N.E. by N.	E.N.E.	3	30-06	76	70	66	b.c.	cr cum	9	
10	East.	N.E.	3	30-06	76	70	66	b	none	10	
11	"	North	3	30-06	76	71	68	bcm	"	10	
Mid.	"	N.N.W.	2	30-06	76	70	67	"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday, January 31st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine; variable light airs and breezes.

W. Ray Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Light to gentle breeze from N. N. W. At 7 Flagship made Idress signals.

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle to light breeze from N. N. W. to West, and S.S.W. At 9.30, mustered at quarters and Commanding Officer inspected ship and crew. Flag Ship made genl. Signal (3837), numeral 10.30

W. Wilmer
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine; light airs to light breeze from S.S.W. to S.E. Sent a visiting party to U.S.S. Atlanta.

W. Ray Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs to light breeze from S.E., shifting to East and N.E. New moon

W. Wilmer
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine, gentle breeze from E.N.E. to N.N.W.

W. Ray Mason Field.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	North.	2			30.08	74	69	66		b	none	10	
2				East.	"	2			30-07	73	69	65		"	"	10	
3				North	"	2			30-07	73	68	64		"	"	10	
4				N.N.W	"	3			30-06	73	68	64		"	"	10	
5				N.W.	N.N.W.	3			30-07	73	67	63		b.c.	cum	9	
6				N.W by N.	"	3			30-09	69	67	64		"	cum str.	8	
7				"	"	3			30-12	70	68	64		"	cum	9	
8				"	"	3			30-14	71	69	64		"	"	9	
9				"	"	3			30-15	73	73	67		b	none	10	
10				E.S.E.	N.S.W.	2			30-16	74	75	70		"	"	10	
11				"	"	2			30-16	74	76	72		"	"	10	
Noon.				S.S.W.	S.W.	2			30-15	75	78	71		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2038 "

Coal consumed during the preceding 24 hours, tons 1930 lbs.

Coal remaining on hand at Noon, 132 " 484 "

P. M.														
1			W.S.W.	S.W.	3			30-						
2			West.	S.S.W.	3			30-14	76	77	72	hm	none	10
3			W.N.W.	S.E.	2			30-13	76	76	72	"	"	10
4			S.W.	"	2			30-10	75	76	72	"	"	10
5			East.	S.E.	3			30-08	76	76	72	"	"	10
6			N.E.	"	2			30-07	76	76	72	"	"	10
7			E.N.E.	E.N.E.	2			30-07	76	74	71	"	"	10
8			N.E.	"	2			30-07	74	76	72	"	"	10
9			N by E	N.E.	1			30-07	80	76	72	"	"	10
10			North.	North.	1			30-08	79	76	72	"	"	10
11			E.N.E.	N.N.W.	2			30-07	78	76	70	"	"	10
Mid.			N.E.	N.W.	2			30-07	79	76	71	"	"	10
								30-07	79	75	70	"	"	10

under the command of A. S. Snow Commander, U. S. Navy,

Monday, February 1st., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant, light to gentle breeze from N. Barometer steady.

J. J. Hawkins
Lieut U.S.N.

4 to 8 A.M.

Clear and pleasant. Gentle breeze from N.N.W. Received 113¾ lbs fresh beef, 113¾ lbs vegetables and 91 lbs bread from Pay Department. Started fires in two boilers at 7.30. Ensign W. D. Halme U.S.N. returned from special duty and reported for duty on board. Flag Ship made yeti. uniform signals, 3340, 3966, 6375, 6379.

W. H. Trimble
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine; gentle breeze from N.N.W. hauling to W.S.W and S.W and becoming lighter. Mustered and inspected at quarters and made routine signals. A Board of Survey of which Lieut. Comdr. Sperry, U.S.N. was senior Member convened on board for the inspection of articles in Construction. Brought to the port chain and at 11.15 got under way; the Flagship having granted permission by signal. The port anchor was let go at 11.37 and the starboard at 11.40. Hove in to 45 fathoms on each chain.
Draught ship, forward 13' 7"; Amidships, 15' 1"; Aft. 16.7. - Bearings from anchorage - mag. El Cerro N.W.N. ¼ N., - Pt. Piedras N. ¼ W.
Depth of water 3 fathoms.

C. Rg Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.

Bright and pleasant - barometer falling - gentle to light breeze from S.E. Put on mooring swivel - Transported sheet-anchor to bow; - Let fires die out. Commanding Officer visited the Same officially.

J. J. Hawkins
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine. Light breeze from S.E. hauling to E. at 8.

C. Rg Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant, - barometer steady - Light airs from N.E.

J. J. Hawkins
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex. , Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	N.E.	2			30-05	78	73	69		b	none	10	
2				N.N.E.	N.N.E.	3			30-05	78	70	66		"	"	10	
3				North	N by E.	4			30-05	77	69	65		"	"	10	
4				"	"	4			30-05	76	68	64		"	"	10	
5				N.W.	"	3			30-07	75	67	64		"	"	10	
6				North	North	3			30-08	75	67	64		"	"	10	
7				"	"	3			30-08	80	67	64		"	"	10	
8				"	"	4			30-08	79	69	65		bw	"	10	
9				"	"	3			30-08	74	73	68		"	"	10	
10				E.S.E.	"	3			30-08	77	74	70		"	"	10	
11				South	"	3			30-06	77	76	71		"	"	10	
Noon.				E.S.E.	"	2			30-05	78	78	70		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 390 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1648 "

Coal consumed during the preceding 24 hours, tons 4 lbs. 00

Coal remaining on hand at Noon, 132 " 84 "

P. M.																	
1				N.E.	S.E.	1			30-03	78	79	73		bc	cir str.	9	
2				E.N.E.	"	3			30-00	78	78	75		b	none	10	
3				East.	"	3			29-97	77	78	75		"	"	10	
4				S.E. by E.	S.S.E.	2			29-96	78	78	74		bc	cir str	9	
5				S.S.E.	S.E.	2			29-93	78	78	74		"	"	9	
6				E.S.E.	"	2			29-91	78	77	74		"	"	9	
7				E by S.	E.S.E.	2			29-90	79	76	74		"	"	9	
8				N by E.	N.N.E.	2			29-90	82	77	74		"	"	9	
9				North	"	1			29-90	83	78	71		"	"	9	
10				N by W.	"	1			29-90	83	77	70		bcl	"	9	
11				S.W. by W.	North.	2			29-90	80	76	70		"	"	9	
Mid.				N.E.	"	3			29-90	76	73	69		"	"	8	

under the command of A. S. Snow, Commander, U. S. Navy,

Tuesday, February 2nd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 'm until 4 A.M.
Clear and pleasant. Light to moderate breeze from N.E. to N. by E.

W. O. Hulme
Ensign U.S.N.

4 h 8 A.M.
Clear and fine, gentle breeze from N. by E. and N.
F. W. Ry Mason Full.
Ensign U.S.N.

8 A.M. to Meridian.
Bright and pleasant - barometer steady - gentle breeze from N - At 9.30 quarters - afterwards drill - 1st Division, infantry - A three-mast American schooner anchored in the Roads - Punishments by Commanding Officer as follows viz; Larsen A.O (O.S.), Boothby C (O.S.), Sutterley W.C (Ord.) Vogel F. (O.S.), Lange W.C. (O.S.), Nielsen A. (Ds.) - Ditty bags in Lucky Bag, - Each 6 hours Extra Duty; Sherlock R. (Privt M.C.) ditty bag in Lucky bag, - 10 days Quarantine; Wilson E (Ord.) and Olson O.P. (Ds.), Shirking - 6 hours Extra Duty.

J. J. Hinrichs
Lieut. U.S.N.

Meridian to 4 P.M.
Clear. Light airs to gentle breeze from S.E. At 1.00, Flagship made 39 18. Piped down, scrubbed hammocks, went to quarters and turned them in. - By order of Commanding Officer, Howard Dalton (Ds.), was discharged at his own request waiving all claims to transportation or consular aid. Received in Department Provisions and Clothing - 2000 lbs. Sugar, 1500 lbs. Flour, 2000 lbs Biscuit, 100 gals Vinegar, 150 lbs Beans, 500 lbs Coffee.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant, - barometer falling. - Light breeze from S. & and E. & - U.S. Minister and Consul visited the ship officially - Sent down light yards. - A 4 mast American Schooner anchored in the River. 3 mast Am Sch Johannes Evan shifted berth inside. - 5 cans pork - sausage - condemned by Survey were thrown overboard by order Commanding Officer.

J. J. Hinrichs
Lieut. U.S.N.

8 P.M. to Midnight.
Clear Light airs to gentle breeze from the N.N.E to the North W.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Hunter
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.N.E.	4			29-89	78	72	71		b.w.l.	none	10	
2				"	"	3			29-88	78	71	70		"	"	10	
3				North	North	3			29-87	78	71	70		"	"	10	
4				N.N.W. by N.	"	3			29-85	75	71	70		"	"	10	
5				North.	"	3			29-86	75	70	69		b.l.	cum.str.	8	
6				N.N.W.	"	3			29-85	72	69	69		f.m.	"	8	
7				"	N.N.W.	3			29-85	74	70	69		"	"	8	
8				N.W. by N.	"	3			29-85	75	71	70		"	"	8	
9				S.W.	W.S.W.	2			29-87	75	74	73		"	"	8	
10				S.W. by S.	"	4			29-88	75	74	73		"	"	7	
11				South	S.W.	3			29-88	75	75	74		"	"	6	
Noon.				"	"	3			29-88	75	75	73		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 510 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1138 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 131 " 1924 "

P. M.														
1			S.S.E.	W.S.W.	3		29-88	75	75	73		h.c.	rain.	2.
2			South.	"	2		29-88	76	75	72		cap.	"	0.
3			E.S.E.		1		29-85	76	75	73		h.c.	cirrum.	5
4			S.E.	S.S.W.	2		29-84	76	75	73		"	"	7
5			S.S.E.	W.S.W.	1		29-84	76	76	73		"	"	8
6			N.W.	W.by S.	1		29-85	77	76	74		lum.	none	10
7			"	"	1		29-84	77	76	74		"	"	10
8			W.by N.	West	1		29-85	78	76	73		"	"	10
9			"	N.N.W.	2		29-86	78	75	74		h.	"	10
10			W.by S.	North.	2		29-87	78	74	73		fw	"	10
11			E.S.E.	N.N.W.	2		29-87	77	73	72		"	"	10
Mid.			N.by S.		1		29-87	76	73	72		"	"	10

under the command of A. S. Snow. Commander., U. S. Navy,

Wednesday. February 3rd., 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and fill 4 A.M.

Clear and pleasant; Lightning to Sd and Wd, Gentle and moderate breezes from N.N.E, and North.

Ensign U.S.N.

4 to 8 A.M.

Clear and pleasant. Barometer steady - gentle breeze from N. and N.N.W. - Cossed light & light yards.

W J Newton
Lieut. U.S.N.

8 A.M. to Meridian

Fair. Light to moderate breeze from N.W. to S.W. At 9.30 squall and peculiar clouds passed from W.S.W. Mustered at quarters at 9.30 Then exercised 1st Div. Gatlings; 2d Div. Infantry; Sig. Div. Setting up. At 10.30 exercised all boats but St. Launch, Sig. & Pinghy under sail. Quarterly Board condemned 3 lbs Tongue & 1½ lbs canned Peas which were Thrown overboard. At 9: made to Flagship Num 0; at 10 numeral 1, and at 12 numeral 1.32.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and clearing. Light shower seconds hour. Light airs to gentle breeze from W.S.W. and S.S.W. At 1.0c Flagship made signal 2984. Blacking ship outside.

Ensign U.S.N.

4 to 8 P.M.

Clear. Light airs to light breze from W.S.W. to the West. Blacking ship outside. English S.A. Squadron came in to anchorage & Cleopatra fired national salute with Uruguayan flag at main which was returned by Con Fort. Ensign Stone made boarding visit to Cleopatra, which was returned by Officer from H.B.M.S. Beagle.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Light breze from North to N.N.W.

Ensign U.S.N.

Examined and found to be correct.

L. K. Lucas
Lieut., Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	Calm	0			29-87	78	74	73		bcm	cirrum	9	
2				S.S.E.	N.E.	1			29-86	75	73	72		"	"	9	
3				N.E.	North.	1			29-85	73	71	70		bcmw	"	9	
4				N.W.	"	1			29-85	73	70	70		"	"	9	
5				N.N.W.	"	2			29-85	75	68	68		bcm	"	8	
6				N.W. by N.	N.N.W.	3			29-86	76	67	67		"	"	8	
7				"	"	3			29-86	73	67	68.		bcm	none	10	
8				"	"	3			29-86	74	71	70		"	"	10	
9				"	N.W.	1			29-85	78	77	73		"	"	10	
10				S.W.	W.S.W.	2			29-86	78	80	73		"	"	10	
11				"	"	3			29-85	78	89	76		"	"	10	
Noon.				South	S.W.	3			29-85	79	78	75		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water distilled during the preceding 24 hours, 712 "

Water remaining on hand fit for use at Noon, 1440 "

Coal consumed during the preceding 24 hours, tons 2020 lbs.

Coal remaining on hand at Noon, 130 " 2144 "

P. M.													
1		S.S.E.	W.S.W.	3	29-85	78	75	74	bc	cirrum	8		
2		S by E.	"	3	29-82	80	79	75	"	"	8		
3		S.W.	"	3	29-80	81	80	75	"	cirrus &c.	6		
4		S.W. by S.	"	3	29-78	80	81	76	"	"	4		
5		S.S.W.	W.N.W.	1	29-76	81	81	76	bcm	"	4		
6		N.W. by W.	"	1	29-75	82	83	74	"	"	4		
7		N.W.	N.W.	1	29-75	82	80	75	"	"	4		
8		N.N.W.	W.N.W.	1	29-75	84	82	77	"	"	4		
9		N.W.	"	1	29-79	85	82	77	"	"	2		
10		"	N.E.	1	29-74	85	81	74	bcl	"	2		
11		S.E.	S by E.	5	29-79	84	75	73	"	cum. str.	2		
Mid.		"	S.E. by S.	5	29-81	82	79	72	"	"	6		

under the command of A. T. Snow Commander, U. S. Navy,
Thursday, February 4th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Pleasant weather. Heavy dew. Hazy around horizon latter part. Calm first hour and after that light airs from N.E. to North. At 12.20 started fires for distilling.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.

Clear and misty. Gentle N.N.W. breeze. Distilling. At 7, flagship made 3340-3956-6375-6379.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Light airs to gentle breeze from N.W.-W.-W. and S.W. At 9.30 went to general quarters times as follows: 1st Division - 2 minutes; 2d Division - 2 min., 30 sec.; ~~3rd~~ Division 1 minute, 20 seconds; Navigator's 2 minutes, 5 seconds; Powder Division, 2 minutes 20 seconds; Engineers - 50 seconds; - Pay Department - 60 seconds; Surgeons 1 minute 10 seconds, Marine Guard 1 minute 10 seconds. Tested magazine and gun cotton locker flood cocks and found them in good order. At 9.00 made signal numeral 0, at 10.00 sig. numeral 1, and at 12 sig. numeral 131. The Commanding Officer of the Cleopatra called on board.

A. McClintock
Ensign U.S.N.

Meridian to 4 P.M.

Generally clear. Gentle breeze from W.S.W. Had afternoon drills as per routine. The Commanding Officer visited the Cleopatra, Magpie, Beagle & Basilisk.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.

Cloudy and misty. Light airs from W.N.W. and N.W. At 5.00 flagship made 3340 - 3956 - 6375 - 6379.

A. McClintock
Ensign U.S.N.

8 P.M. to Midnight.

Cloudy. Light airs from W.N.W. to N.E. until 10.10 when the wind shifted to S.S.W. force of 5, and then hauled to S.E. by S. Distant lightning in the S.E. Distilling.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

G. K. Gunn
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Monteviden

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	S.E.	5			29-83	79	72	69		bcl	cir cum nimb	5	
2				"	"	5			29-83	77	71	68		"	"	6	
3				"	"	5			29-83	77	70	68		"	"	7	
4				"	"	5			29-83	76	70	68		ocl	nimb	0	
5				S.E.	"	5			29-84	77	69	67		bcl	cum nim.	3	
6				"	"	4			29-85	71	68	67		bc	"	2	
7				E.S.E.	"	4			29-86	72	69	67		bcm	cir cum	7	
8				E by E.	E.S.E	3			29-86	72	70	67		"	cir.	9	
9				N.E by E.	"	2			29 88	72	72	68		bc	"	9	
10				"	"	2			29-89	73	73	67		"	cir cum	9	
11				E by N.	"	2			29-90	74	73	68		"	"	9	
Noon.				S.E.	S.E.	2			29-91	74	74	69		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 432 gallons.

Water distilled during the preceding 24 hours, 1868 "

Water remaining on hand fit for use at Noon, 2876 "

Coal consumed during the preceding 24 hours, 1 tons 744 lbs.

Coal remaining on hand at Noon, 129 " 1470 "

P. M.																	
1				S.S.E.	S by E	2			29-90	75	73	69		bc	cir cum	9	
2				"	"	1			29-92	76	74	68		bcm	none	10	
3				"	"	1			29-92	76	74	69		"	"	10	
4				"	S.E.	2			29-91	75	74	69		"	"	10	
5				S.E.	"	2			29-91	76	74	70		"	"	10	
6				"	E.S.E.	2			29-92	75	73	70		"	"	10	
7				E by S.	"	3			29-93	75	73	70		"	"	10	
8				East	N.E.	3			29-93	75	74	70		"	"	10	
9				"	"	2			29-90	76	73	70		"	"	10	
10				E.S.E.	N.N.E.	2			29-92	77	72	70		b	"	10	
11				E.N.E.	"	3			29-91	75	71	68		"	"	10	
Mid.				N.E.	N by E	4			29-92	74	71	66		"	"	10	

under the command of A. S. Snow. Commanded, U. S. Navy,

Friday, February 5th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences with 4 A.M.

Clear and pleasant first three hours, cloudy last hour. Fresh breeze & moderate sea from S.E. Lightning to S.E'd. Distilling

W. H. Holmes
Lieut. U.S.N.

4 to 8 A.M.

Cloudy first part, clearing last part. Gentle to fresh breeze from S.E. to E.S.E. Executed morning orders. Flagship made uniform signals, as follows, 3340, 3956, 6375, 6379. Received in Pay Dept., 1133# lbs fresh beef and vegetables and 9 lbs. fresh bread

D. L. Crone
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Light breeze from E.S.E. to S.E. At 9.30 mustered at quarters. Made fire quarters at 10.19; times as follows, 1st. stream, 1 minute; - 2d stream, 1 minute 7 seconds ——; 3rd. stream, 1 minute 13 seconds; 4th stream, 1 minute 52 seconds. Made signals to Flagship. - At 9.00 numeral 0; at 10 numeral 2; and 12 numeral 129. Answered: - Distilling.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Light breeze and light airs from S.S.E. to S.E. Gave instruction in infantry and great guns. Stopped distilling at 3.55.

W. H. Holmes
Lieut. U.S.N.

4 o'clock to 8 P.M.

Clear and pleasant. Light to gentle breeze from S.E. first part, - E.N.E. latter part. By order of Commanding Officer John Green, (Col'd), was rated Stge. Steward from this date. At 5. Flagship made uniform signals.

Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Bright moonlight, moon set about 11.30. Light breeze from N.E. shifting to N. by E. and increasing to moderate breeze at end of watch.

W. H. Holmes
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North	4			29-91	73	70	67		b	none	10	
2				S.E.	N.N.W.	3			29-91	70	68	65		"	"	10	
3				"	"	4			29-91	69	68	65		"	"	10	
4				North	"	4			29-90	70	66	63		"	"	10	
5				N.N.W.	N.N.W.	4			29-91	70	65	64		bc.	cum	9	
6				"	"	4			29-92	66	65	64		"	"	9	
7				"	"	4			29-94	68	66	65		b	more	10	
8				"	"	4			29-95	70	70	65		"	"	10	
9				N.W. by W	N.W. by N.	4			29-96	73	74	68		bw	"	10	
10				W. by N.	West	4			29-96	75	76	70		"	"	10	
11				W.S.W.	"	3			29-97	76	77	73		"	"	10	
Noon.				"	"	3			29-96	76	78	73		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 462 gallons.

Water distilled during the preceding 24 hours, 434 "

Water remaining on hand fit for use at Noon, 2848 "

Coal consumed during the preceding 24 hours, tons 1210 lbs.

Coal remaining on hand at Noon, 129 " 190 "

P. M.																	
1				Sby W	West.	2			29-96	77	77	73		bw	none	10	
2				"	"	2			29-95	77	77	74		"	"	10	
3				S.S.E.	"	2			29-94	77	77	76		"	"	10	
4				"	W.S.W.	2			29-91	78	78	75		"	"	10	
5				"	"	1			29-90	79	78	76		"	"	10	
6				East.	S.E.	1			29-88	80	79	77		"	"	10	
7				"	"	1			29-87	80	79	75		"	"	10	
8				NE	S.E.	3			29-87	83	79	75		"	"	10	
9				Nby E.	N.E.	2			29-89	82	78	72		"	"	10	
10				North	"	2			29-90	82	77	72		"	"	10	
11				N. by W.	"	2			29-90	81	77	73		"	"	10	
Mid.				"	N by W	2			29-89	81	77	72		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Saturday, February 6th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear, fine; Moderate breeze from N.N.W.
W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Moderate breeze from N.N.W. At 7, Flagship made divs signals. Sighted the Spanish school ship, Nautilus coming in from Buenos Ayres. Sent ashore in a lighter.
Geo. Ed Colman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Misty along horizon. Moderate to gentle breezes from N.N. by W to West. Aired bedding in obedience to signal. Made routine signals. Spanish School Ship Nautilus came in and moored in inner harbor; Sent a boarding officer to board her and report to the Admiral.
F. Irwin
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant, light breeze from West. At 1.00 piped down aired bedding in obedience to signal from Chicago. At 2.00 the U.S. Flagship Philadelphia flying the flag of Rear Admiral Gherardi, came in and anchored. The Chicago hauled down the blue Admirals flag and hoisted a red one. The Commanding Officers of the H.M.S. Magpie, and the Spanish training ship Nautilus called officially. The Commanding Officer left the ship to call officially on the new Admiral. Hoisted out Steam Launch. Placed Pvt. H. Jones, under sentrys charge for being drunk on board ship.
W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Smoky and hazy along horizon; Light airs from N.W. to S.E. and East. The U.S. Concord came in and anchored in outer roade.
Lieut U.S.N.

8 P.M., to Midnight.
Clear and fine; light breeze from N.E. and N by W.
W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steam Ship Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North	North.	1			29-88	81	76	70		bm	none	10	
2				N.N.W.	N.N.W.	2			29-88	80	74	68		"	"	10	
3				"	"	3			29-87	80	75	68		"	"	10	
4				"	"	3			29-87	80	75	68		"	"	10	
5				N by W.	"	3			29-86	79	73	68		"	"	10	
6				"	"	3			29-86	76	74	68		"	"	10	
7				N.N.W.	"	3			29-86	77	75	70		"	"	10	
8				"	"	3			29-86	79	77	72		"	"	10	
9				"	"	3			29-88	80	81	76		"	"	10	
10				"	"	3			29-87	80	83	77		"	"	10	
11				"	"	3			29-87	81	85	77		bc	cum	9	
Noon.				"	"	3			29-86	84	86	76		"		8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 448 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2400 "

Coal consumed during the preceding 24 hours, tons 1030 lbs.

Coal remaining on hand at Noon, 128 " 1400 "

P. M.														
1			N.W.	N.W.	4			29-83	83	87	79	bc	Nimi, Cirrocumu	6
2			"	"	4			29-80	85	88	78	"	"	6
3			S.S.E.	W.S.W.	4			29-78	83	84	80	"	"	5
4			S. by E.	S.W.	3			29-77	83	84	80	"	"	7
5			S.E. by S.	"	1			29-76	84	84	80	"	"	6
6			"	Calm	0			29-74	84	84	80	"	"	6
7			S. by E.	W.S.W.	1			29-74	84	83	79	o.c.	"	0
8			West	"	2			29-75	83	82	78	o.c.l.	nim	0
9			South.	S.S.E.	3			29-82	84	79	78	o.c.l.	"	0
10			North.	N.N.E.	3			29-80	83	78	77	"	"	0
11			N.E.	E.S.E.	3			29-77	81	77	76	o.c.	"	0
Mid.			"	S.E.	3			29-77	80	77	76	bc.	Cirro Nimi	1

under the command of A. S. Snow Commander, , U. S. Navy,
Sunday, February 7th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant – barometer steady – light airs to gentle breeze from N and N.N.W.

J.T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant; misty. Gentle breeze from N.N.W. Received 113¾ lbs fresh meat, 113¾ lbs vegetables and 91 lbs bread, in Pay Department. "Phila." made uniform and time signals at 7.30; repeated by Chicago.

[illegible]
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant; gentle breeze from N.N.W. By order of Commanding Officer, Wm Fellowes, (Ds), was rated Bayman from Feb. 1st, and E. Serogie (Bayman), to Ordinary Seaman from Feb. 1st. At 9.30 mustered and inspected at quarters, held general muster and read the Articles for the Better. Govt. of the Navy. The Commanding Officer called officially on the Commanding Officer of the Spanish Training Ship Nautilus. Made routine signals and absentees, sick and coal.

W. Ry Mann Jr.
Ensign U.S.N.

Meridian to 4 P.M.
Warm and sultry. Moderate to light breeze from S'd. – Barometer falling rapidly. – R. Admr. Gherardi, U.S.N. visited ship officially – Cleopatra, fired 13 guns – Pilot hoisted on his leaving that ship.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Fair and pleasant; moderate breeze from N.W. – hauling to S.W. & becoming light.

W. Ry Mann Jr.
Ensign U.S.N.

8 P.M. to Midnight.
Overcast – raining at times from 9 till 10.30. – frequent lightning. – Gentle breze, variable in direction.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	East	2			29-75	80	77	76		ocl	nim	0	
2				N.E.by E.	E.N.E.	2			29-75	80	77	76		"	"	0	
3				E.N.E.	N.E.	2			29-70	79	77	76		bcl	"	3	
4				E.by N.	North.	2			29-70	78	77	76		"	"	4	
5				N.W.	West.	2			29-71	76	76	75		bc	cum nim	4	
6				S.W. by W.	W.S.W.	2			29-75	77	75	75		"	cir cum nim	5	
7				W by S.	W.N.W.	2			29-77	77	75	75		"	"	6	
8				West.	W.S.W.	2-3			29-80	77	75	75		"	cum nim	1	
9				W.S.W.	"	3			29-79	77	75	74		"	"	2	
10				"	S.W.	3			29-78	78	75	74		"	"	6	
11				"	"	3			29-79	78	75	74		bcm.	"	4	
Noon.				"	"	3			29-79	79	76	72		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 496 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1904 "

Coal consumed during the preceding 24 hours, tons 4 lbs.

Coal remaining on hand at Noon, 128 " 1000 "

P. M.														
1			Sby W.	S.S.W.	3		29-81	78	77	72	bcm	cir cum		8
2			"	"	3		29-82	78	77	72	"	"		8
3			South	S.W.	2		29-81	77	77	73	"	"		8
4			"	"	3		29-82	79	78	74	"	"		8
5			"	S.S.W.	3		29-82	81	78	73	"	"		5
6			"	"	3		29-85	81	78	73	"	"		9
7			"	"	3		29-87	81	77	71	"	"		9
8			S by W.	"	3		29-89	82	77	70	"	"		9
9			S.S.W.	"	3		29-90	82	76	69	"	"		9
10			S.W.	S.W.	3		29-93	83	76	69	"	"		9
11			"	"	4		29-96	82	76	68	c	none		10
Mid.			"	"	4		29-96	83	75	68	"	"		10

under the command of A. S. Snow Commander, U. S. Navy,

Monday February 8th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy. Light airs to light breeze from the East to the North. Lightning. — Barometer very low

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Light breeze from NNW to W.S.W. Received fresh provisions for use of crew. — 113# lbs fresh beef, 113# lbs fresh vegetables, and 9 lbs soft bread.

J. W. Reynolds Jr.
Ensign U.S.N.

8 AM to Meridian
Cloudy. — misty latter part. — Barometer steady. Gentle breeze from W.S.W. and S.W. At 9.30 quarters afterwards drill. 1st Division Infantry.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear. Gentle to light breeze from S.SW to S.W. At 1 flagship made 2984 Exercised Divs., in setting up exercises

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant; — barometer rising. — gentle to moderate breeze from S.d. and W.d.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Gentle to moderate breeze from S.S.W. to S.W.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

G. K. Smith
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, , 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.W.	3			29-98	80	75	68		b	none	10	
2				W.S.W.	"	3			29-98	78	75	69		"	"	10	
3				N.W.	West	1			29-98	77	74	70		"	"	10	
4				West	N.W.	3			29-98	75	66	69		"	"	10	
5				W.S.W.	N.N.W.	3			29-98	71	67	65		bc	cumi	9	
6				W.N.W.	"	2			29-99	68	67	65		"	"	9	
7				N.N.W.	"	3			30-00	70	67	64		b	none	10	
8				"	"	3			30-01	72	69	65		"	"	10	
9				N.W.	"	3			30-02	74	64	67		bn	"	10	
10				"	W.N.W.	3			30-02	75	78	69		"	"	10	
11				West.	West.	3			30-03	77	78	71		"	"	10	
Noon.				W. by N.	W. by S.	3			30-13	78	79	72		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 392 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1522 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 128 " 600 "

P. M.														
1			W. by S.	W by S.	2			30-03	78	79	74	bn	none	10
2			"	"	2			30-01	81	81	78	"	"	10
3			S.S.W.	"	2			29-98	81	81	74	"	"	10
4			"	"	2			29-97	82	81	72	"	"	10
5			S by E.	West.	1			29-95	84	82	74	"	"	10
6			"	"	1			29-94	82	82	75	"	"	10
7			S.S.E.	N.N.W.	1			29-94	83	82	74	"	"	10
8			N.E.	"	3			29-94	82	81	73	"	"	10
9			N by W	N. by W.	3			29-94	83	79	69	bc	circum	9
10			"	"	3			29-94	82	78	68	"	"	9
11			North	North	3			29-94	82	77	68	"	"	9
Mid.			"	"	3			29-94	82	76	67	"	"	8

under the command of A. L. Snow Commander, U. S. Navy,
Tuesday February 9th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light airs to gentle breezes from S.W. and West

D. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Light and pleasant. — Light to gentle breeze from N.N.W. At 6.15 U.S.S. Atlanta left the Roads —

J. I. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and warm. Gentle breeze from N.N.W. to W. by S. At 9.30 mustered at quarters. Absent without leave Edward Herbertz (Lds), for whom a reward of $10. was offered. Exercised Navy, Div., Howitzers, 1st and 2d Divs., Infantry & Powder Div., Small arms instruction. At 9 made sig. num 0; at 10 num 2, and at Noon num. 128. At 8.45 made Int. 6+5 which was answered in affirmative, Loosed sail to a buntline. at 9.05, Lowered St. Lands'k.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breezes from W. by S. At 1.10 made sig. Interrogatory 4826, Flagship and affirmative. Furled sail. Cond'g. Officer of U.S.S. Philadelphia called on board. The Commanding Officer called on board the U.S.S. Concord. Exercised divisions at Manual of Arms & pointing.

D. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear. Light airs from the West to N.N.W. At 5 Flagship made uniform Signals. 3357. 3955 and 6375 & at 5.30 made 2072.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breezes from N. by W. and North

D. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. — Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North	North	4			29-91	79	72	66		fc	cir str	8	
2				"	"	4			29-89	78	71	66		"	"	6	
3				"	"	4			29-87	77	70	66		"	"	7	
4				"	"	4			29-85	77	71	66		"	"	8	
5				"	"	4-5			29-85	75	71	67		"	"	8	
6				N.N.E.	"	4-5			29-86	74	70	67		"	"	8	
7				"	"	3-4			29-87	79	72	68		"	"	9	
8				N by W.	"	3-4			29-88	75	73	69		"	"	8	
9				N.N.W.	"	4			29-86	78	77	71		"	"	9	
10				"	N.N.W	3			29-86	78	79	74		fc	none	10	
11				"	"	3			29-86	82	82	85		fc	cir str	9	
Noon.				W by N	N.W.	2			29-86	83	82	76		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 418 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1104 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 128 " 200 "

P. M.														
1			S.E by S	S.E.	3		29-84	81	81	78	fc	cir cum	8	
2			S.E by E	E.S.E.	3		29-82	80	80	77	"	"	8	
3			S.E by S.	"	4		29-77	82	81	76	"	"	8	
4			S.E by E	"	4		29-74	82	81	76	"	"	8	
5			"	"	4		29-73	82	80	76	"	"	2	
6			E by N.	East.	3		29-72	82	80	77	"	"	2	
7			S.S.E.	"	2		29-73	83	81	77	ocl	nimb	0	
8			South	Calm.	0		29-72	86	81	78	"	"	0	
9			W.S.W.	W.S.W.	4		29-75	86	82	78	ocrlt	"	0	
10			S.W.	S.W.	4-6		29-78	82	79	74	ocgrlt.	"	0	
11			S.S.W.	S.S.W.	3-5		29-79	80	72	73	"	"	0	
Mid.			S.E.	E.S.E.	3		29-79	76	73	74	ocl.	"	0	

under the command of A. L. Snow, Commander, U. S. Navy,

Wednesday, February 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Clear and pleasant. Moderate breeze from North.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Fresh to gentle airs squalls from the North. Executed morning orders. Received for use of crew 112½ lbs fresh beef and vegetables and 98 lbs bread. At 7.30 flagship made uniform signals — 63⅞ — 39.56 — 33 + 0.

W. W. Holme
Ensign U.S.N.

8 P.M. to Meridian
Clear and pleasant. Light to moderate breeze from North to W.N.W. At 9.30 mustered at quarters. Absent without leave E. Herbert (Lad) Exercise as battalion drill. At 9 made signal numeral 1. At 10.00 signal numeral 2. and at 12.00 signal numeral 128. Flagship made signal 29 84 at 11.05.

R. M. Swan
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle to moderate breeze from N.W. hauling to E.S.E. The United States Minister visited the Philadelphia, receiving a salute of 13 guns on leaving. Sent an officer to board coal transport Cadwell of Newcastle in the inner harbor. Engaged in repairing pump of Steam Launch and in putting bad splices in main deck seams.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Calm to moderate breezes from E.S.E. to East. Lightning to N.E. and W.N.W. At 5.00, Flagship made signals 63 70 39 05, 33 09. At 5.30 flagship made sig. 20 72. At 6.00 P.M. made signal Interrogatory 61 40, Flagship answered affirmative. Sent down Topgallant-masts.

R. M. Swan
Ensign U.S.N.

8 P.M. to Midnight.
Overcast. At 11 Thunder storm set in from W.S.W. with rain, the wind blowing with moderate force with heavy squalls abating in force soon after 10 to gentle breze and hauling to E.S.E. Light drizzle last hour.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Jones
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E by E	East.	2			29-79	74	75	74		o.c.b.	nim	0	
2				E by N.	South.	6			29-79	74	70	70		o.c.	"	0	
3				South	"	6			29-77	76	69	68		"	"	0	
4				"	"	6-8			29-80	75	67	66		o.c.	"	0	
5				S.E.	S.S.E.	5-7			29-81	75	68	66		"	"	0	
6				S.S.E.	"	3-5			29-82	79	68	67		o.c.	"	0	
7				"	"	2-4			29-84	73	68	67		o.m.	"	0	
8				"	"	2-3			29-86	73	69	67		"	"	0	
9				South	South.	3			29-85	72	69	67		o.c.	"	0	
10				"	"	3			29-88	73	70	67		l.c.	cir.cumpth	2	
11				"	"	4			29-89	73	69	65		"	"	6	
Noon.				"	"	4			29-90	73	70	65		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 389 gallons.

Water distilled during the preceding 24 hours, 679 "

Water remaining on hand fit for use at Noon, 13 94 "

Coal consumed during the preceding 24 hours, 1 tons 230 lbs.

Coal remaining on hand at Noon, 126 " 2210 "

P. M.														
1			S.S.W.	South	3	29-92	73	70	67	l.c.	cir.cumpth	6		
2			"	"	3	29-93	73	71	66	"	"	5		
3			S by E.	S by E.	3	29-94	75	71	66	"	"	7		
4			"	"	3	29-94	76	71	64	"	"	7		
5			"	"	3	29-95	76	71	64	"	cir.cumpth	6		
6			S.E by S.	S.E.	3	29-95	76	71	64	"	"	5		
7			S E by E	"	2	29-96	77	71	64	"	"	5		
8			S.S.E	East.	2	29-97	75	71	65	"	"	6		
9			"	"	2	30.00	74	71	65	"	"	5		
10			"	N.E.	2	30-01	74	70	65	"	"	6		
11			S.E by S	N.N.E.	2	30-04	72	69	65	"	"	7		
Mid.			"	North.	2	30-05	71	69	65	"	"	9		

under the command of A. L. Snow, Commander, U. S. Navy,

Thursday February 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 AM.

Cloudy with rain first hour. Light breeze from East first hour, shifting to South, in a rain squall at about 1.15. Strong breeze remainder of watch, with heavy squalls last hour. Moderate to rough sea. Commenced distilling about 3.

W. O. Wilson
Lieut. U.S.N.

4 to 8 AM.

Overcast and cloudy. Light rain last two hours. Light to stiff breeze from S.S.E. — Executed morning orders. At 7.30 made signal Interog., 6140. Flagship answered affirmative. Flagship made routine signals at 7.30. Closed to 3 cables yards at 7.40

C. M. Stone
Ensign U.S.N.

8 AM to Meridian.

Clearing. Gentle to moderate breeze from South. At 9.30 mustered at quarters; absent Edwd Norbertz, (Sds), Exercised at General quarters, the divisions reporting ready as follows; — 1st, division, 2 minutes 35 seconds; 2d, division, 3 minutes; 3rd division 4 minutes, 50 seconds; Navigators division, 2 minutes, 30 seconds; Powder division, 4 minutes, 50 seconds; Engineers — division, 1 minute 30 seconds; — Marine Guard, 1 minute, 50 seconds; Pay Department, 1 minute, 30 seconds; Surgeons, 1 minute, 45 seconds. The Commanding Officer adjudged the following punishments, viz; — Load J. B. (Private M.C.), shirking, 4 hours Extra Duty; — Ober M. (Drummer M.C.) not tautening drum strings, 4 hours Extra Duty at life buoy; — Jones H. A. (Private M.C.) returning drunk & disorderly having been put in a boat, reduced to 4th class, 3 months $2.50 Monthly Money; — Punt A. (Sea. 4th class), Not coming aft when word was passed, — 4 hours on quarter deck for seven days; — Sten. E. (Lamp Lighter), Using abusive language to sentry, reduced to Second Class, 1 month; — Delin L. (Cox.), Post A (Lab) Pugh, (Ord. Sea), Gibbons, T. (Sea), & Larson, Thomas (Capt A.G.), — Late Hammocks, — to be called & stow hammocks 1/2 hour before time for one week. At 9 made signal Num, 1; at 10 Num. 2 nds at 12 Num, 127. — Ansd. Engaged in puttying bad seams in the deck. Distilling.

Geo. F. Holman
Lieut. U.S.N.

Meridian to 4 PM.

Clear and pleasant. Gentle breeze from South to S by E. Received 40 yds. cotton canvas and 15 yds. muslin in Equipt. Dept. Distilling. Sent an Officer to visit coal collier Earnwell.

W. O. Wilson
Lieut. U.S.N.

4 to 8 PM.

Fair and pleasant: gentle to light breeze from S by E and S.E. Flagship made dress signals. The U.S.S. Bennington went out.

W. Ray Mannfield.
Ensign U.S.N.

8 PM to Midnight.

Examined and found to be correct.

Clear and pleasant. Moonlight. Light breeze from East shifting to NE & North. Distilling.

W. O. Wilson
Lieut. Navigator. U.S.N.

Examined and found to be correct.

Le. K. Lunsford Lieut U.S.N. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by E	N by W	2			30-06	70	68	65		b	none	10	
2				E.S.E.	N.N.W.	3			30-06	69	66	63		bc	cir. str.	9	
3				S.E.	North	2			30-06	68	66	63		"	"	6	
4				"	"	2			30-06	68	64	62		"	"	6	
5				N.N.E.	N.N.W.	2			30-07	67	64	62		"	cir cum ftr	7	
6				N.E by E	"	2			30-10	65	65	63		"	"	8	
7				E.N.E.	"	2			30-13	65	65	63		"	"	5	
8				S.E. by E.	"	2			30-14	67	66	64		"	"	7	
9				S.E.		2			30-13	69	68	64		"	"	4	
10				S.S.E.	N.N.E	2			30-14	71	71	65		"	"	5	
11				"	S.E. by S	2			30-15	71	71	65		"	"	6	
Noon.				S.E.	S.E.	2			30-16	72	71	65		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 420 gallons.

Water distilled. during the preceding 24 hours, 1750 "

Water remaining on hand fit for use at Noon, 2720 "

Coal consumed during the preceding 24 hours, 1 tons 670 lbs.

Coal remaining on hand at Noon, 125 " 540 "

P. M.																	
1				S.E.	S.E.	2			30-17	72	72	67		bc	cir cum ftr.	6	
2				"	E.S.E.	2			30-16	73	72	68		"	"	6	
3				"	"	2			30-16	73	72	69		"	"	7	
4				E.S.E.	"	2			30-16	73	72	69		"	"	7	
5				"	"	3			30-14	74	72	67		"	"	8	
6				"	"	3			30-14	73	73	67		bn	none	10	
7				S.E.	East	3			30-14	75	71	67		"	"	10	
8				E.S.E.	"	3			30-14	76	70	67		"	"	10	
9				E by S.	E.N.E.	3			30-13	78	71	68		"	"	10	
10				East	N.E.	3			30-14	75	70	67		bc	cir cum	9	
11				E by N.	"	4			30-12	77	69	67		"	"	9	
Mid.				N.E.	N.N.E.	4			30-13	77	67	65		"	"	9	

under the command of U. S. S. Monongahela, U. S. Navy,

Friday, February 12th, 1862.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences at 4 until 4 A.M.
Clear & fine; light to gentle breeze from N.N.W and N. & W. Rec. mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Light breeze from N.N.W. Received on board for use of crew 112 lbs each fresh beef and vegetables and 90 lbs bread. Distilling. At 7.30 Flagship made Uniform signals, and at 7.35 we made Signal Int, 5 4 5 6. Not answered.

Geo. F.W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Fair and pleasant. Light breeze from N.N.W. to N.E. and E.E. At 9.30 mustered at quarters and exercised at Infantry & Artillery. At 9.20 made signal Int, 5456. Ans'd, Yes; Loosed sails to a bowline. At 9.40 made Inter 4826. Ans'd, Yes. Shortened and furled sail. Lowered Steam cutter. Herbert E (Ed), absent without leave. Made routine signals.

F.A. Prime
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant; light breeze from S.E. and E.S.E. Distilling.
W. R. mason Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant; Gentle breeze from E.S.E. and E.N.E. - Distilling.

F.A. Prime
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine; gentle to moderate breeze from E.N.E. to N.N.E. Stopped distilling.
W.R. Mason Field.
Ensign U.S.N.

Examined and found to be correct.

G. K. Gunn
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E	N.N.E.	4			30-14	76	67	65		be.	Cir.cum.	9	
2				"	"	3			30-13	76	66	64		"	"	9	
3				North.	North	3			30-11	75	65	63		b.	none	10	
4				N.N.W.	N.N.W.	3			30-11	75	65	63		"	"	10	
5				North	"	3			30-11	74	64	63		"	"	10	
6				N. by E.	"	3			30-10	68	64	63		bm	"	10	
7				North.	"	3			30-10	70	66	65		"	"	10	
8				N. by E	"	4			30-10	76	68	66		"	"	10	
9				N. by W.	"	4			30-09	72	71	67		be.	"	10	
10				"	"	4			30-08	72	73	68		"	"	10	
11				"	"	3			30-06	74	76	68		"	"	10	
Noon.				N.N.W.	"	2			30-04	76	77	69		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 575. gallons.

Water distilled during the preceding 24 hours, 659. "

Water remaining on hand fit for use at Noon, 2864. "

Coal consumed during the preceding 24 hours, tons 1480 lbs.

Coal remaining on hand at Noon, 124 " 1300 "

P. M.																	
1				N.N.W.	N.N.W.	2			30-02	76	79	71		be.	nimb.	9	
2				W.N.W.		2			29-99	77	80	72		bm	none	10	
3				N.N.W.		2			29-98	77	81	72		"	"	10	
4				W.S.W.	S.S.W.	2			29-96	78	80	74		bcm.	nimb.	8	
5				S.E.	South.	1			29-96	78	79	76		"	"	8	
6				East.	"	1			29-96	79	79	77		"	"	8	
7				N.N.E.	"	1			29-96	79	79	78		"	"	8	
8				North.	Calm.	0			29-96	80	79	77		"	"	8	
9				W. by N.	N.E.	1			29-96	80	79	76		bm.	none	10	
10				E.S.E.	"	3			29-96	80	78	75		"	"	10	
11				N.E. by E.	N.N.E	4			29-96	80	78	73		"	"	10	
Mid.				"	"	4			29-96	80	74	73		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Saturday February 13th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (2nd) until 4 A.M.

Clear and pleasant.- Full moon.- Barometer steady.- Moderate to gentle breeze from N.W.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Misty. Gentle to moderate breeze from N.N.W.

F. H. Newcomb,
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine; Moderate to light breeze from N.N.W.- Herbert E, (Ld), absent without leave. Paraded the Marine Guard for the American Minister to Buenos Aires, who was passing in a tug. Mate reports supplies of provisions, fish & coal.

W. Ry Mann Field.
Ensign U.S.N.

Meridian to 4 P.M.

Bright and warm;- barometer falling;- light breeze from N.W.;- At 3 Chicago fired salute 15 guns - American Ensign at fore. Sent an officer to ascertain progress made in unloading the collier Earnwell. The mate of the Earnwell stated that there were still 500 to 600 tons on board, and that the unloading would probably be finished by Wednesday 17th. The unloading had been delayed through want of lighters.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and pleasant, Light airs from South

W. Ry Mann Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Bright moonlight. Light to moderate breeze from N.E. and N.N.E. Barometer steady.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lunt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Erie , 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E.	North	3			29-96	79	72	72		bc	circum	9	
2				NE by N.	"	3			29-96	77	72	72		"	"	9	
3				N by E	"	3			29-96	78	71	71		bw	none	10	
4				"	N by E.	3			29-96	78	71	71		"	"	10	
5				"	North	2			29-96	77	71	71		bc	cum	8	
6				"	"	2			29-97	75	72	71		"	"	9	
7				North	"	2			29-97	76	72	70		bw	none	10	
8				NE by N.	"	2			29-97	75	74	72		"	"	10	
9				South	NW	2			29-97	77	76	74		"	"	10	
10				SE.	Calm	0			29-97	78	78	76		bc	circum	9	
11				"	SE.	1			29-97	80	80	78		"	"	7	
Noon.				SE by S.	SE by S.	1			29-97	81	80	77		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 406 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2480 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 124 " 900 "

P. M.														
1			SE	SE.	1			29-96	81	82	81	bc	cirrum	4
2			"	"	3			29-96	83	81	79	"	"	5
3			East	E.S.E.	3			29-95	81	80	78	"	"	4
4			ESE.	"	3			29-94	80	79	78	"	"	6
5			ENE.	"	3			29-93	79	79	77	"	"	6
6			"	East	3			29-90	79	78	77	"	cirrum nimb	4
7			NE.	"	3			29-90	80	77	77	"	"	4
8			"	ENE	3			29-90	84	77	76	"	"	4
9			ENE.	"	1			29-91	84	77	76	"	"	5
10			East	NE.	1			29-93	83	78	76	"	"	5
11			NE.	NNE.	2			29-93	82	78	75	"	"	4
Mid.			NNE.	"	3			29-93	82	77	75	"	"	4

under the command of A. S. Snow Commander, U. S. Navy,

Sunday February 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 1st until 4 A.M.
Clear. Gentle breeze from the North

W.O. Hulme
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Light breeze from North. Received aboard for use of crew 112½ lbs. each of fresh beef and vegetables and 90 lbs. bread. At 7.30 the Flagship made divs signals

Geo. L. W. Holeman
Lieut. U.S.N.

8 A.M. to Meridian.
Bright and warm - barometer steady. Calms and variable light breeze - At 9.30 quarters - Commanding Officer inspected ship. J. M. Falvey (1st Cl.), reported expiration of Term of enlistment. - E. D. Herbert (do), was declared a deserter from this date

J. T. Hunter
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Light airs to Gentle breeze from S.E. to E.S.E.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy and pleasant - Barometer falling - gentle breeze from S.E. and East.

J. T. Hunter
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy. Light airs to gentle breezes from E.N.E. to N.E.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Lucas
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.E.	3			29-92	81	76	71		bcm	cirpfs	6	
2				"	"	3			29-91	81	75	73		"	"	6	
3				North	North	3			29-91	81	74	72		"	"	8	
4				"	"	3			29-90	80	74	72		"	"	8	
5				"	"	2			29-91	80	74	72		bc	"	7	
6				"	"	2			29-90	76	73	72		"	"	7	
7				W by N.	"	2			29-90	78	74	73		"	"	7	
8				W.	"	2			29-90	79	76	74		"	"	7	
9				South	"	2			29-91	78	78	75		"	Cir. cumpfs.	3	
10				S by E.	E.N.E.	1			29-91	80	79	76		"	"	3	
11				S.E. by S.	S.E. by S.	2			29-91	82	80	77		"	"	3	
Noon.				"	"	2			29-90	81	80	77		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 480 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2000 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 124 " 500 "

P. M.														
1			S.E. by S.	S.E. by S.	2			29-90	82	81	77	bc	cir cumpfs.	3
2			S.E.	E.S.E.	2			29-89	82	81	77	"	"	4
3			S.E. by S.	"	2			29-88	82	81	77	"	"	6
4			"	"	2			29-85	81	80	77	"	"	6
5			East	"	3			29-84	81	79	75	"	"	6
6			"	E.N.E.	3			29-83	80	78	75	"	"	6
7			"	"	3			29-82	82	78	74	"	"	5
8			"	East.	3			29-82	82	78	75	"	"	9
9			E.N.E.	E.N.E.	3			29-82	79	77	74	"	"	6
10			"	"	3			29-82	79	77	74	"	"	6
11			E.S.E.	NE	2			29-83	80	76	74	"	"	5
Mid.			E by S.	"	1			29-83	82	74	76	"	"	4

under the command of A. S. Snow Commander, U. S. Navy,
Monday February 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Fair. Gentle breeze from N.N.E. and North.

D Denison
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant - barometer steady - light breeze from North. - Received in Pay Dept., 112½ lbs beef - 112½ lbs vegetables - 9 lbs. soft bread.

J T Hawkins
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Light airs to gentle breeze from the North to E. by S. At 9.30 mustered at quarters and exercised 1st. Div. Infantry. 2d Div. Artillery. Received in Equipment Dept. 1 bunch of slacked lime. At 9. made upon the signal numeral 0: at 10, numeral 2 and at 12 numeral 12 4, all to Chicago." — The Commanding Officer awarded the following punishments, viz; - Sherlock R (Private M.C.) Neglect of duty, not hailing boat, - 8 hours extra Duty; — Parker D. (Ls) Inattentive to drill, - 3 night (mid) watches.

M. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy - Light breezes from S.E. by S, and E.S.E. At 1.10 made signal interrog. 2984. Flagship answered and made signal 2984. — Transferred W. Liggan (OS) and Gitsu Hachiro (Ls) with necessary transfer papers and baggage to the U.S.S. Philadelphia.

D Denison
Ensign U.S.N.

4 to 8 P.M.
Fair. Gentle breeze from E.S.E. to E.N.E.

M. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Fair first part; Cloudy last two hours. Light airs to gentle breezes from E.N.E and N.E.

C Denison
Ensign U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.E.	1			29-83	80	77	75		b.c.w.	cir. str.	4	
2				"	"	1			29-83	79	77	74		"	"	4	
3				N.E.	"	1			29-82	79	75	72		"	"	4	
4				N.N.E.	"	1			29-82	79	75	73		"	"	5	
5				"	"	1			29-81	77	74	72		b.c.	"	6	
6				N.N.W.	"	1			29-82	76	74	73		b.c.w	circumstr	4	
7				N by W.	"	1			29-83	75	74	72		"	"	7	
8				South	S.E.	1			29-82	76	75	73		b.c	cir str	8	
9				"	"	2			29-82	79	76	73		"	"	9	
10				S.S.E.	"	2			29-82	78	75	72		"	"	8	
11				"	"	2			29-83	78	75	73		"	"	8	
Noon.				"	"	2			29-82	78	75	73		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 464 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1536 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 124 " 100 ".

P. M.														
1		S.E by S.	E.S.E.	2	29-84	78	76	73		b.c		cir cum	6	
2		S by E.	S.S.E.	2	29-85	78	77	74		"		"	7	
3		South	"	3	29-85	79	77	75		"		Cir cum Strat	6	
4		S.S.E.	S.S.E.	4-5	29-87	78	75	73		b.c.		Nimbus	0	
5		"	"	5-6	29-88	76	74	70		"		"	0	
6		"	"	5-6	29-90	75	72	69		"		"	0	
7		S.E by S.	"	5-6	29-92	76	71	68		b.c.		Cir cum Nimb	3	
8		"	"	5	29-96	78	70	67		"		"	6	
9		"	"	5	29-98	78	69	67		"		"	8	
10		"	"	5	29-98	74	69	67		"		"	8	
11		S.E.	S.E by S.	5	29-98	74	69	67		"		Cir Str	6	
Mid.			"	5	29-99	73	68	67		"		Cir cum	2	

under the command of A. S. Snow, Commander, U. S. Navy,
Tuesday February 16th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 12 until 4 A.M.
Clear and pleasant, Heavy dew. Light airs from N.E.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Fair. Light airs from N.E. to S.E. Executed morning orders - At 7.30. Flagship made dress signals - 6375 - 3955 - 3957 - 3956 - 3340.

W. H. Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light breezes from S.E. At 9.00, made signal numeral 0, - At 9.30, mustered at quarters and instructed divisions at stations; at 10.00 made signal numeral 3, and at 12.00 signal numeral 134.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant with light to gentle airs from E.S.E. to S.S.E. until 3.30 when moderate to fresh squalls set in from the S.S.E. At 3.20 Rear Admiral Walker came aboard and transferred his flag from the Chicago to the Essex. At 3.40, the Chicago went out bound for Maldinado.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Cloudy - Fresh to very fresh breeze from S.S.E. Let go sheet anchor - Hoisted steam cutter.

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant first part; clouding over latter part. Stiff breeze from S.S.E. to S.E. by S. Rough harbor sea.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lunsford
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E. by S.	S.E.	5			29-99	71	68	67		oc.	Cum Nimb	0	
2				"	"	5			30-00	71	67	66		"	"	0	
3				S.E.	"	4			30-01	71	67	66		"	"	0	
4				"	"	4			30-01	71	67	66		"	"	0	
5				E. by S.	"	4			30-02	71	67	66		bc	"	1	
6				East.	"	2-4			30-04	70	67	66		"	"	1	
7				S.E.	"	4-5			30-05	71	68	66		"	"	1	
8				E.N.E.	"	3-4			30-07	72	69	67		"	"	2	
9				S.E. by E.	"	2			30-08	72	70	68		"	"	4	
10				S.E.	"	2			30-09	74	71	69		"	"	6	
11				"	"	2			30-09	74	72	70		"	"	7	
Noon.				S.S.E.	"	3			30-09	73	71	70		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1126 "

Coal consumed during the preceding 24 hours, tons 1480 lbs.

Coal remaining on hand at Noon, 123 " 860 "

P. M.														
1			S.E.	S.E.	2		30-09	73	71	70	bc	circum	6	
2			"	"	2		30-07	74	71	70	"	"	8	
3			"	"	2		30-06	74	71	70	"	"	9	
4			S.E. by S.	S.E. by E.	3		30-06	73	71	70	"	"	1	
5			S.E.	E.S.E.	3		30-05	73	71	71	"	"	9	
6			S.E. by S.	"	3		30-05	72	71	70	"	"	9	
7			E. by S.	East.	3		30-05	73	71	70	"	"	9	
8			"	E.N.E.	3		30-05	76	71	70	"	"	9	
9			East.	"	2		30-07	80	70	70	"	"	9	
10			E.N.E.	"	2		30-08	80	69	70	"	"	9	
11			"	"	2		30-07	78	68	68	bw	none	10	
Mid.			N.E. by E.	"	2		30-08	76	67	67	"	"	10	

under the command of A. Snow Commanded., U. S. Navy,

Wednesday February 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mod. until 4 AM.

Cloudy. Fresh to moderate breeze from S.E. Sea moderating.

F. Friedrichs
Lieut. U.S.N.

4 to 8 AM.

Cloudy. Light to fresh breezes from S.E. Executed morning orders. Hoisted out steam cutter. Hove up sheet anchor. Crossed topgallant yards. Received in Pay Dept., 111/4 lbs fresh beef and vegetables, and 8 lbs. fresh bread.

C. M. Stone
Ensign, U.S.N.

8 AM. to Meridian.

Clear and pleasant. Light to gentle breeze from S.E. At 9.30 mustered at quarters and had battalion drill. Sent an officer aboard the Str. Earnwell to oversee discharge of coal. The French man-of-war Vire came in and after firing the national salute, fired a salute of 13 guns, with the American flag at the fore which was returned by the Philadelphia. Sent an officer to board the Vire and then to report to Admiral Gherardi. The Commanding Officer adjudged the following punishments viz: — Post R, (1 class Apprentice) Out of uniform — reduced to 4th class, 3 months 5% Monthly money; — Miller, R.J. (Ldr) Not sweeping out Ward Room — 1 mid-watch; Carmody Wm (Private) Talking back while in ranks — 4 hours extra duty; Jones N.A. Insolence to the 1st Sergeant — 5 days, bread and water, Confinement. At 10.25 the Philadelphia signalled to Essex, Tel, 3339-0088-1608-9279-4339-6343-. Answered, Tel, 0081-4904-8277-7846.-9409-8281-6849-.

Geiger E.B. Holman
Lieut. U.S.N.

Meridian to 4 PM.

Clear and pleasant. Light breeze from S.E. Hoisted out 2d Cutter. Sent a board of officers, comprised of Chief Engr. A. Rae U.S.N., Lieut. C.K. Curtis. U.S.N. and O.W. Koester, U.S.N., to visit Steamers Earnwell and Roxburgh. Comdg. Officer of French Man of war Vire, paid an official visit to Admiral & Commanding Officer.

F. Friedrichs
Lieut. U.S.N.

4 o'clock to 8 PM.

Clear and pleasant. Light to gentle breeze from E.S.E. to E.N.E. The collier Earnwell went out.

Geiger E.B. Holman
Lieut. U.S.N.

8 PM to Midnight.

Clear and pleasant. Light breeze from E.N.E. Light dew-latter part. Moon rose about 9.30.

F. Friedrichs
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	3			30-07	75	66	66		bw	none	10	
2				East	"	3			30-06	70	66	66		"	"	10	
3				E.N.E.	N.N.E.	3			30-04	68	65	65		"	"	10	
4				"	"	2			30-06	68	64	64		"	"	10	
5				North.	"	3			30-05	67	64	63		bw	"	10	
6				"	"	3			30-07	66	63	62		"	"	10	
7				N.N.W.	"	2			30-09	68	64	63		"	"	10	
8				N. by E.	"	2			30-10	73	66	65		"	"	10	
9				N. by W.	North.	2			30-12	72	70	68		bc	cir. cum. str.	9	
10				S.W. by W.	N.N.W.	2			30-12	73	73	70		"	"	9	
11				S.W. by S.	"	1			30-12	75	74	71		"	"	8	
Noon.				S.E by E	S.S.W.	1			30-12	76	75	72		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 514. gallons.

Water during the preceding 24 hours, 556. "

Water remaining on hand fit for use at Noon, 1168. "

Coal consumed during the preceding 24 hours, tons 21 10. lbs.

Coal remaining on hand at Noon, 122 " 990 "

P. M.																
1				S.S.E	S.E.	2			30-11	76	76	72		bc	cir. cum. str.	6
2				S.E.	"	2			30-08	77	77	73		"	"	8
3				"	"	2			30-07	77	78	71		"	"	8
4				"	"	2			30-06	77	77	73		"	"	7
5				East	E.S.E.	3			30-05	78	77	72		"	"	8
6				E by N.	E.N.E.	3			30-04	77	77	72		"	"	8
7				E.N.E.	"	3			30-03	77	75	71		"	"	8
8				"	"	3			30-02	79	74	71		"	"	8
9				"	N.E by E	3			30-04	79	73	70		"	"	9
10				N.E by E.	"	3			30-04	79	72	70		"	"	9
11				"	"	3			30-04	79	72	70.		"	"	9
Mid.				S.E.	N.E.	3			30-04	78	72	69.		b.	none	10

under the command of A. S. Snow Commander, U. S. Navy,
Thursday February 18th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Clear and fine; gentle to light breeze from N.N.E., & N.E.
Started fires for distilling.

W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Hazy. Gentle to light breeze from N.N.E. The Argentine Torpedo boat Almirante came in from S.S.E., with signal for pilot flying and after steaming around the harbor went up the river. Distilling.

Geo. L. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light breez to light airs from North shifting to S.S.W. last hour. At 9.30. inspected at quarters and gave oral instruction. M. Kinsler (W.T.) absent without leave. Comdg Officer Uruguayan gunboat. La Reveira, paid an official visit to this ship. Comdg Officer paid an official visit to Frenad Vice. Distilling

Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine; light breez from S.E. The U.S. Flagship Philadelphia and the "Concord" left the harbor bound for Barbadoes. Exercised the 1st and 2d Companies

W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Gentle breeze from E.S.E. and E.N.E. Distilling.

Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant; gentle breeze from N.E. by E. Returned on board M. Kinsler (W.T.), 16 hours overtime.

W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

M. K. Kinsler
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.E.	2			30-02	73	71	67		bc	cu cum	9	
2				North	North	3			30-01	73	69	67		"	"	9	
3				"	"	2			30-00	73	68	65		"	"	9	
4				"	"	2			30-00	73	68	65		"	"	9	
5				N by W.	"	2			30-02	72	66	64		"	"	8	
6				North	"	2			30-00	72	66	64		"	"	8	
7				N. by W.	"	2			30-01	71	67	65		"	"	9	
8				N.N.W.	"	2			30-02	72	68	67		"	"	9	
9				North	N.N.W.	1			30-06	73	72	69		bm	none	10	
10				"	"	1			30-06	75	75	71		"	"	10	
11				E.N.E.	North	1			30-06	77	77	71		bc	cu str	9	
Noon.				S.E.	S.E.	3			30-05	77	77	74		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 419 gallons.

Water distilled during the preceding 24 hours, 1715 "

Water remaining on hand fit for use at Noon, 2464 "

Coal consumed during the preceding 24 hours, 1 tons 500 lbs.

Coal remaining on hand at Noon, 121 " 490 "

P. M.														
1			S.E. by S.	S.E.	3	30-05	78	78	73	bc.	cu str.	8		
2			E.S.E.	E.S.E.	3	30-02	78	78	73	"	"	8		
3			"	"	4	29-99	78	78	73	"	cu cum	8		
4			E.N.E.	E.N.E.	4	29-97	78	78	73	"	"	8		
5			"	"	4	29-96	78	78	72	"	"	8		
6			East.	East	4	29-93	78	77	72	"	"	8		
7			"	"	4	29-90	78	76	73	bcm	"	9		
8			E.N.E.	"	4	29-90	80	76	73	"	"	9		
9			N.N.E.	N.E.	2	29-90	80	76	71	bcl	cu str	9		
10			North	N.N.E.	3	29-93	81	75	70	b	none	10		
11			"	"	4	29-93	81	74	70	"	"	10		
Mid.			"	"	4	29-93	80	78	69.	"	"	10		

under the command of A. S. Snow, Commander, U. S. Navy,
Friday February 19th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant: barometer steady, light breeze from N'd,

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant weather. Light breezes from North. Received 110 lbs, fresh beef, 110 lbs, vegetables and 88 lbs, soft bread in Pay Dept. Distilling. At 8 set colors at half-mast following motions of the Uruguayan Senior Officer.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and fine, light airs from N.N.W. and North, shifting to S.E., and becoming gentle. Mustered and inspected at quarters and exercised 1st. div.- Artillery, 2d. div.- Infantry, Powder div., at care of pistols: and the Sav. "Care of Small Arms". W. R. Bartlett, (Sea Apr. 1. class) absent without leave. Exercised at Fire Quarters, 1st. stream, in 35 seconds; 2d. stream, 1 min, 4 seconds 3rd. stream, 1 min. 37 seconds; 4th. stream 2 minutes 40 seconds. Sent an officer to board the Collier Roxbourgh.

W. Roy Mann Field.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - barometer falling - gentle & moderate breeze from E. N. E and East. Exercised boats under sail - Commanding Officer visited the French national ship Vire - W. R. Bartlett (Ap.) returned on board 7½ hrs. overtime

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant - moderate breeze from E.N.E and East.

W. Roy Mann Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - barometer rising - gentle to moderate breeze from N'd, and E'd. - Stopped distilling.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lunt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E by N.	North.	4			29-92	74	71	69		b	none	10	
2				N.N.E.	N.N.E.	4			29-92	74	69	67		"	"	10	
3				"	"	4			29-91	72	68	67		"	"	10	
4				North	North.	4			29-91	72	68	66		"	"	10	
5				"	"	4			29-91	71	67	65		bc	cum.	8	
6				N.N.E.	"	4			29-92	71	67	66		b	none	10	
7				N by E	"	3			29-93	72	68	66		bcu	cum	9	
8				"	"	3			29-94	73	71	69		"	"	9	
9				N.W.	N.N.W.	2			29-93	76	75	71		"	"	9	
10				N by W.	"	2			29-93	77	76	72		bc	cir cum	8	
11				W.S.W.	W.S.W.	2			29-93	78	78	73		"	"	8	
Noon.				S.W.	S.W.	2			29-93	78	78	75		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 575 gallons.

Water distilled during the preceding 24 hours, 931 "

Water remaining on hand fit for use at Noon, 2880 "

Coal consumed during the preceding 24 hours, tons 2200 lbs.

Coal remaining on hand at Noon, 120 " 530 "

P. M.																	
1				S.W.	S.W.	2			29.93	78	78	75		bc	cir cum	8	
2				"	S.S.W.	2			29.93	79	78	75		"	cir cum	8	
3				S by W.	South	1			29-92	79	80	76		"	"	8	
4				E.S.E.	S.E.	1			29-91	79	79	76		"	"	9	
5				S.E. by E.	"	1			29-91	79	79	75		"	"	9	
6				N.E by N.	"	1			29-90	80	79	75		"	"	9	
7				N.N.E.	N.E.	1			29-92	80	79	75		"	"	8	
8				E by S.	East	1			29-92	82	78	75		"	"	8	
9				East	E.S.E.	1			29-92	82	78	75		"	"	5	
10				E.S.E.	"	1			29-92	84	77	72		"	"	7	
11				"	"	1			29-92	82	76	72		"	"	8	
Mid.				"	"	1			29-92	80	76	74		"	"	7	

under the command of A. S. Snow, Commander, U. S. Navy,
Saturday, February 20th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Moderate breeze from the South to S.S.E.

W. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. Moderate to gentle breeze from South.

W. Reynolds Field.
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant;- barometer steady;- variable light breeze;- Absent without leave J. A. Collins (Painter);- Aired bedding.-

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Clear. Light breeze to light airs from S.W. to S.E. Oriental officer came on board to thank us for having half-masted flag yesterday

W. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant;- barometer fluctuating;- Light airs from E'd.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Light airs from E.S.E.

W. Hulme
Ensign U.S.N.

Examined and found to be correct.

G. K. Lunt
Lunt, Navigator.

LOG of the UNITED STATES Steamer Essex. 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.E.	3			29-94	77	75	73		bm	none	10	
2				S.E.	"	2			29-95	77	74	72		"	"	10	
3				"	"	3			29-93	76	74	72		b.c.	cir.cum	8.	
4				"	"	4			29-94	75	73	72		"	"	4	
5				S.S.E.	"	2-4			29-94	75	73	72		"	Cum Nim	2	
6				S.E. by S.	"	3			29-94	75	73	72		"	"	1	
7				S.E.	"	2			29-94	76	74	72		"	Cir am Nim	3	
8				"	E.S.E.	3			29-95	75	74	72		"	"	3	
9				"	S.E. by S.	3			29-95	76	75	73		"	"	4	
10				"	S.E.	3			29-98	77	75	73		"	"	4	
11				"	"	3			29-97	77	75	74		"	"	4	
Noon.				"	"	3			29-95	78	76	74		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2512 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 120 " 130 "

P. M.														
1			S.E.	S.E.	3			29-97	78	75	73	oc	Circum Str.	0
2			"	"	3			29-96	78	76	73	"	"	0
3			"	"	4			29-93	77	75	73	b.c.	"	2
4			"	E.S.E.	4			29-92	77	75	73	"	"	2
5			"	"	4			29-92	76	73	72	"	"	1
6			"	East.	4			29-91	75	73	72	o.c.	cum nimb	0
7			"	"	4			29-91	78	74	73	"	"	0
8			E.S.E.	"	3			29-91	80	75	73	rcl	"	0
9			"	E.S.E.	3			29-93	82	75	74	"	"	0
10			East.	East.	3			29-92	82	75	73	o.cld.	"	0
11			"	"	2			29-92	82	75	73	o.c.r.	"	0
Mid.			"	"	3			29-92	82	74	73	"	"	0

under the command of F. S. Snow. Commander., U. S. Navy,

Sunday February 21st., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant first part. Clouding over last hour. Light to moderate breeze from S.E.

P. McSorley
Ensign U.S.N.

4 to 8 A.M.

Cloudy and pleasant. - barometer steady. - Light to gentle breeze from S.E and E'd

N. J. Newton
Lieut U.S.N.

8 A.M. to Meridian

Cloudy. Gentle breeze from S.E. by S. to S.E. At 9.30, mustered at quarters and Commanding Officer inspected ships crew. - Absent without leave J. Collins (Cutter)

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy - Gentle and moderate breezes from S.E. and E.S.E. - Sent an officer to board foreign men of war in port and request them to full dress ship from sunrise to sunset on the 22d. inst. - Sent liberty party ashore.

P. McSorley
Ensign U.S.N.

4 to 8 P.M.

Overcast. Drizzle; lightning. Moderate to gentle breeze from E.S.E. to the East.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Overcast. Cloudy and raining last three hours; lightning to N'd. Light and gentle breezes from E.S.E. and East.

P. McSorley
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex., 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East.	S.E.	2			29-91	80	73	72		clr	nmb	0	
2				S.E.	E.N.E.	1			29-91	80	73	72		"	"	0	
3				"	East.	1			29-91	80	73	72		"	"	0	
4				"	S.E.	1			29-90	80	73	72		clr	"	0	
5				E.by.N.	E.N.E.	2			29-90	78	73	72		"		0	
6				East.	"	2			29-89	79	73	72		fc	cir nimb.	3	
7				E.by.N.	"	1-3			29-89	77	73	72		"	cir mib str.	3	
8				N.E.	"	3			29-90	75	73	72		"	"	4	
9				N.E.	"	3			29-90	75	74	72		"	"	4	
10				E.N.E.	"	3			29-90	76	74	72		"	"	4	
11				E.S.E.	East.	3			29-90	76	75	73		"	"	5	
Noon.				"	"	3			29-90	77	75	73		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2150 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 119 " 1970 "

P. M.													
1			E.S.E.	East	4		29-90	77	76	73	fc.	cir cum	8
2			S.E.	"	4		29-90	77	76	73	"	"	8
3			"	E.S.E.	4		29-90	77	75	73	"	"	8
4			"	"	4		29-90	78	75	72	"	"	9
5			"	"	4		29-90	78	75	72	"	"	8
6			E.S.E.	"	4		29-89	78	74	71	"	"	8
7			East	East.	3		29-89	81	73	71	"	"	8
8			"	"	2		29-89	81	73	70	"	"	9
9			E.N.E.	"	3		29-93	81	73	70	fc	none	10
10			"	"	3		29-92	81	72	69	"	"	10
11			"	"	3		29-95	80	72	69	"	"	10
Mid.			"	"	3		29-95	78	72	69	"	"	10

under the command of A. S. Snow Commander, U. S. Navy,

Monday February 22d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Duntil 4 PM.
Overcast and raining. Lightning in the N.W. Light breezes and airs from between E.N.E and S.E.

Geo. F. W. Johnson
Lieut. U.S.N.

4 to 8 PM.
Generally overcast. Raining first hour. Light breeze to light airs from S.E. to E.N.E. At sunrise dressed ship. Read for use of crew 110 lbs each of beef and vegetables and 88 lbs. bread. Pumped bilges.

W. C. Hulme
Ensign U.S.N.

8 PM. to Meridian.
Cloudy first part. Clearing last two hours. Gentle breezes from E.N.E. and East. The following men were absent without leave Collins J.C. (Cooper) Clinton Jno (2d Cl.), Talvey Jm (Qr. & Gr.), Robinson Oliver, (Chief Gunners Mate), Talvey Jm. (Qr. & Gr.), returned on board 1¾ hours overtime. U.S.N.S. Beagle came in and anchored. Released Private N. Agnes from confinement by order of Commanding Officer.

D. McClure
Ensign U.S.N.

Meridian to 4 PM.
Clear and warm. Moderate breezes from East to E.S.E. Sent a liberty-party ashore. Sent a boarding officer aboard the Magpie and received in return a visit from her.

Geo. F. W. Johnson
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Moderate breezes from E.S.E. and East

C. McClure
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from East.

Geo. F. W. Johnson
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d. Rate,
Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.Eby.N.	N.Eby.E.	3			29-95	78	71	69		b	none	10	
2				N.E.	N.E.	3			29-95	75	71	69		bn	"	10	
3				N.N.E.	N.N.E.	3			29-95	76	70	69		"	"	10	
4				N.Eby.N.	"	3			29-96	76	70	68		bc.	cir. cum.	9	
5				N.N.E.	"	2			29-96	76	69	67		"	cr cumstr.	7	
6				"	"	2			29-97	74	69	67		"	"	7	
7				"	"	2			29-99	74	69	68		"	"	6	
8				North	"	2			30-00	76	71	70		"	"	9	
9				N.by.E.	"	2			30-04	76	74	72		"	"	9	
10				"	"	2			30-04	76	76	73		"	"	9	
11				N.N.E.	"	2			30-04	78	76	74		"	"	7	
Noon.				E.S.E.	E.S.E.	2			30-04	76	78	74		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 369 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1781 "

Coal consumed during the preceding 24 hours, tons 1210 lbs.

Coal remaining on hand at Noon, 119 " 760 "

P. M.																	
1				S.E.	E.S.E.	3			30-04	79	78	75		bc	Cir cum	6	
2				"	"	3			30-04	78	76	74		"	"	8	
3				"	"	4			30-03	78	77	74		"	"	8	
4				"	"	4			30-03	77	76	73		"	"	8	
5				Eby.S.	"	4			30-04	78	76	73		"	Cir cumstr	4	
6				"	"	4			30-06	77	75	73		"	"	4	
7				E.by.N.	East	4			30-06	80	75	72		"	"	2	
8				N.E.	E.N.E.	4			30-05	82	75	73		c.cm	"	0	
9				E.N.E.	"	4			30-04	80	75	72		bcl	"	5	
10				East.	"	3			30-04	78	75	72		bc	"	7	
11				N.E.	N.E.	3			30-04	79	75	72		"	"	9	
Mid.				N.N.E.	N.N.E.	3			30-04	78	74	71		"	"	9	

under the command of A. S. Snow Commander, U. S. Navy,
Tuesday, February 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (M) until 4 A.M.
Clear and pleasant. Light dew. Bright moon and starlight. Gentle breeze from N.E. by E. to N.N.E.

H. Harris
Lieut. U.S.N.

4 to 8 A.M.
Fair first three hours. Clear and pleasant last hour. Executed morning orders. The French man of war "Cire" left harbor and stood out to Eastward. C. Robinson (Ch. Mate) and J. Clinton (2d cl. F.) returned on board 2 hours overtime. Loosed sail at 7.45.

D. Malone
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light breeze from N.N.E. shifting at 11 to E.S.E. At 9.30 mustered at quarters J. A. Collins (Painter), absent. Had divisional drill. Sent an officer to extend thanks for dressing ship yesterday to the senior foreign naval officers on port, and to the Captain of the Port. The Commanding Officer adjudged the following punishments, viz; — Pingree J. (C.H.) Making unnecessary noise on Berth Deck at 6 bells, Late coming to drill, Carelessness in addressing Officer of the Deck. — 4 midwatches, in port; Jacket & T.B. (Private M.C.), Gross insolence and insubordination; — Confinement for 3 days bread and water; — Kinsler M. (Water Tender) 16 hours overtime, reduced to 3rd class, 1½ months; — Bartlett W.R. (Ap. 4th, 1 class), 7½ hours overtime, reduced to 2d class, — 1 month; Cunningham J.N. (Ap. Mr.), Tight and unfit for duty on board ship, reduced to 4th class 3 months and $2.50 Monthly Money; — Eastmore Thos (Ap. 2 class) returning from liberty drunk — reduced to 4th class 3 months and $2.50 M. Money; — Falvey J.M. (Ap. Gr.) 1¾ hours overtime, reduced to 2d class 1 month; — Robinson Chas (Chief Quarters Mate) returning on board groggy, 24 hours overtime, — 4th class 2 months; Clinton Jno. (2d cl. F.) 24 hours overtime, reduced to 4th class — 2 months. — Wright Thos (Ap. 1 cl.) Baker M. (Ap. 2 cl.) and Miller J. (Barber), each 1½ hours overtime — Each reduced to 2d class 1 month; — Mahoney J. (C.H.) using obscene and threatening language to Ships Writer, — 2 night watches; — Received on board from Bethnie & Co. the following stores; in Ordnance, 1 lb. steel wire, — 2 pine boards 24 feet — 2 gallons Turpentine, — 20 lbs. Red Lead, — 6 lbs. Corn Starch, — and in Equipment, — 2 doz. Lead Pencils, — 1 qt. Recording Ink, — 240 yds. No 4 Cotton Canvas, — 150 Brass Eyelets, — 150 Grummets, — 16 Thimbles, Brass, — 1 Punch, — 1 Sets (M) Dies. Engaged in putting lead seams in the deck. — Sent an officer to the collier Roxburgh to note progress of work in discharging her

Hollis Gage Lt. U.S.N.
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant weather. Gentle to moderate breeze from E.S.E. Exercised sections as infantry; — Comdg. Officer H.M.S. Magpie paid an official visit to Admiral & Commanding Officer. Ladies sail at 1.00

H. Harris
Lieut. U.S.N.

4 o'clock to 8 P.M.
Cloudy over from the S.E. & E. with gloomy appearance in the N.W. Moderate breeze from E.S.E. to East. Took off the morning wire ~~Easily all and found to be correct~~ at 6.35 sent down topgallant yards. — By order of Commanding Officer J. A. Collins (Painter) was declared a deserter from this ship & the U.S. Naval Service from date.

Hollis Gage Lt. U.S.N.
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy (M) threatening first hour; — Clear & pleasant last three hours; — Moderate to gentle breeze from E. to E.N.E.

H. Harris
Lieut. U.S.N.

Examined & found to be correct

E. K. Lewis
Lieutenant & Navigator.

LOG of the UNITED STATES — Steamer Essex. — 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.N.E.	5			30-05	76	72	70		b.	none	10	
2				N.E.	"	4			30-03	75	72	70		"	"	10	
3				E.N.E.	"	3			30-02	75	71	69		"	"	10	
4				N.E.	"	3			30-02	75	71	69		"	"	10	
5				N.E.by.E.	N.E.	3			30-03	75	71	69		bc	cir Str	8	
6				E.N.E.	"	3			30-04	72	70	69		"	"	8	
7				N.E.	"	3			30-09	73	70	69		bm.	"	5	
8				"	N.N.E	3			30-08	73	71	69		"	"	4	
9				N.E.by.E.	"	3			30-08	75	73	71		bc.	"	2	
10				N.N.E.	"	3			30-08	77	75	72		"	"	3	
11				"	"	2			30-08	78	77	73		"	"	3	
Noon.				"	N.E.	2			30-07	78	79	75		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 343 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1438 "

Coal consumed during the preceding 24 hours, tons 1120 lbs.

Coal remaining on hand at Noon, 118 " 1880 "

P. M.													
1			East	East.	3	30-07	78	77	74	bc.	cir. Cum. Str.	2	
2			"	"	3	30-06	78	77	74	"	"	2	
3			"	"	4	30-03	78	77	74	"	"	5	
4			E.by.S.	"	4	30-00	78	77	74	"	"	6	
5			E.S.E.	E.by.S.	4	30-00	78	77	74	bcm	"	5	
6			S.E.	"	4	29 99	78	77	74	"	"	5	
7			E.by.N.	E.N.E.	2	29 99	79	76	74	"	"	2	
8			"	"	2	29 99	80	77	74	"	"	2	
9			N.E.by.N.	N.E.by.N.	4	29 98	82	77	73	bc.	"	6	
10			"	"	6	29 99	81	75	72	oc.	nimb.	0	
11			"	"	6	30-00	81	74	71	"	"	0	
Mid.			"	"	6	30-01	80	73	71	ocl.	"	0	

under the command of A. S. Snow. Commander., U. S. Navy,
Wednesday February 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine - gentle to stiff breze from N.N.E. Clear hawse.
W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clouding over. Gentle breze from N.E., to N.N.E.- At 7.45 crossed light yards.
Geo. F. W. Herman
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy but pleasant - Gentle to light breze from N.N.E, to N.E.
At 9.30 mustered at quarters and had Battalion drill.
Sailmakers gang at work on new awnings - Carpenters gang repairing decks and Boats gang overhauling blocks.
W. [illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant - falling barometer; - light to stiff breeze from East.
W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Generally cloudy and misty - Moderate to light breeze from E by S. to E.N.E.-
W. [illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Fair, then overcast - fresh breeze from N.E by N. Barometer steady.
W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NE.	N.E.	5			30-03	78	72	70		o.c.	Nimbi	0	
2				"	"	4			30-03	77	73	70		o.c.	"	0	
3				ENE.	"	4-6			30-01	76	73	71		b.c.	"	3	
4				"	"	3-4			29-99	74	72	70		"	"	5	
5				NE by E.	"	4			29-99	75	71	70		b.c.	cir cum St.	3	
6				ENE.	"	3			29-98	73	71	69		"	"	4	
7				NE.	"	2			29-99	72	70	69		b.c.	"	3	
8				"	"	4			30-00	73	71	69		"	"	1	
9				NE by N.	NNE	3			30-04	74	73	71		o.c.	cir cum St.	0	
10				NNE	NE.	3			30-04	75	74	72		"	"	0	
11				"	NNE	3			30-04	76	76	72		"	"	0	
Noon.				"	"	3			30-04	77	77	73		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 430 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 10003 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 118 " 1480 "

P. M.														
1			NNE.	NNE.	3		30-02	77	74	73		b.c.	cir cumstrat	2
2			"	"	3		29-99	79	79	74		"	"	2
3			ESE.	ENE.	3		29-97	78	77	74		"	"	3
4			E by N.	E by N.	2		29-96	78	78	74		"	nimbus	3
5			SE.	East.	1		29-94	78	78	75		b.c.	"	3
6			ESE.	ESE.	1		29-93	78	78	76		"	"	3
7			"	NE.	1		29-93	81	79	75		"	"	4
8			ESE by E.	"	1		29-93	82	79	76		"	"	6
9			"	"	3		29-93	81	78	76		"	"	7
10			"	"	3		29-93	80	77	75		"	"	5
11			NE.	"	4		29-94	80	76	74		"	"	7
Mid.			"	"	4		29-94	79	75	73		"	"	5

under the command of *A. S. Snow, Commander*, U. S. Navy,

Thursday February 25th, 18*72*.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy - clearing at end of watch - barometer fluctuating - moderate to fresh breeze from N.E.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.

Cloudy and misty latter part. Moderate to light breezes from N.E. unsteady in force.

W. [illegible]
Lieut. U.S.N.

8 A.M. to Meridian.

Overcast: - gentle breeze from N.N.E and N.E. Mustered at quarters and exercised at general quarters. 1st Div, 1 min. 35 secs; 2d Div., 2 min. 10 sec; 3rd Div, 1 min 30 seconds; Navigators Div, 1 min, 40 seconds; Engineers Division, 45 sec. Powder Division 2 min 20 sec; Marine Guard 1 min 32 sec, Pay Dept. 50 seconds; Surgeons 1 min. Sent an officer to board the collier Roxburgh - Clear hawse. Lighted fires for distilling. Filled Magazine and gun cells flood cocks.

C. Ray Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant, - barometer falling, - gentle to moderate breeze from N.E and E.S.E. At 1.30, drill - Distilling, - Clear hawse.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Fair and fine; light airs from E.S.E to N.E. Distilling.

C. Ray Mason Field
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - gentle to moderate breeze from N.E. Barometer steady - Large fire ashore - Distilling - Clear hawse.

J. T. Newton.
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lunt
Lieut - Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	4			29-94	79	75	73		b	none	10	
2				"	"	4			29-95	78	74	72		"	"	10	
3				"	"	3			29-95	78	73	72		"	"	10	
4				E.N.E.	"	3			29-94	76	73	72		bc	cir cum	9	
5				S.E.	"	3			29-94	75	73	72		"	"	8	
6				Ebs.S.	"	3			29-94	72	73	72		"	"	6	
7				East	"	2			29-94	74	73	72		bcm	"	7	
8				"	"	3			29-94	75	75	72		bc.	cir cum str.	7	
9				N.N.E.	N.N.E.	2			29-93	77	74	74		"	"	7	
10				"	"	2			29-91	78	78	75		"	"	7	
11				North	North	2			29-90	80	81	77		"	"	7	
Noon.				N.N.W.	"	2			29-89	81	81	78		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 369 gallons.

Water distilled during the preceding 24 hours, 1701 "

Water remaining on hand fit for use at Noon, 2440 "

Coal consumed during the preceding 24 hours, 1 tons 2030 lbs.

Coal remaining on hand at Noon, 116 " 1690 "

P. M.													
1			West.	S.S.E.	2			29-88	79	81	80	bc.	Cir cumSt.	6
2			S.E.	S.E.	2			29-86	78	79	78	"	Cir cum.	5
3			"	"	2			29-84	78	78	77	"	"	4
4			Eby S.	"	2			29-81	79	78	77	"	"	2
5			"	E.S.E.	3			29-80	80	78	76	"	"	4
6			East.	E.N.E.	2			29-79	82	80	77	"	"	6
7			"	"	3			29-79	82	79	77	"	"	6
8		3-9	"	N.E.	3			29-77	80	76	76	fcl.	"	7
9		10-9	"	"	3			29-80	79	75	74	"	"	8
10		17-5	E.N.E.	"	2			29-81	79	73	72	fcu.	"	7
11		23-2	"	"	2			29-81	76	73	72	"	"	8
Mid.		28-2	"	"	2			29-79	73	72	72	"	"	6

under the command of A. L. Snow Commander, U. S. Navy,

Friday February 26th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quntil 4 A.M.
Clear. Moderate to gentle N.E. breeze.

W. O'Bulmer
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. Gentle to light breeze from N.E. Recd for use of Ship 110 lbs. fresh beef, 110 lbs. vegetables, 88 lbs soft bread. Distilling. Clear hawse.

W. Rz Mason Gunl.
Ensign U.S.N.

8 A.M. to Meridian.
Bright and warm. barometer falling — light breeze from Nd. At 9.30 quarters, — Drill. — 1st Div. Infantry. 2d, Artillery. — At 10.30 Fire Quarters — 1st Stream 55 seconds, 2d stream 1 minute, 25 seconds — 3rd Stream 1 minute, 55 seconds — Distilling — Dent light gear — M.M. Steamer Portugal came in; — crossed hawse, port chain on top.

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and warm. Light breeze from S.S.E. to S.E. Cleared hawse and hove up port anchor. — Hove in on stbd chain to 20 fms, at waters edge. — Started fires in two after boilers at 3.30. — Got up mast and yard — covers and made preparations for getting underway.

W. O'Bulmer
Ensign U.S.N.

4 to 8 P.M.
Clear and sultry — barometer falling slowly — gentle to light breeze from Ed. — At close of watch lightning to Sd. and Ed. Got underway at 6.55. — At 7.26 set course East, E by S — 7.30 7 R. (mag). Brava E.N.E. 1/4 E. — Draught forward 13-3; Amidships 15. Aft 16-5.

J.T. Newton
Lieut U.S.N.

8 P.M. to Midnight.
Clear and damp. Light N.E. breeze. At 9.43 changed course to E 7/8 N. — Patent Log 16. — 3 Fires & Light burning abeam.

W. O'Bulmer
Ensign U.S.N.

Examined and found to be correct.

L. M. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Making passage from Montevideo, (Uruguay) to Maldonado,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1			33-8	E.½S.	N.NE.	3			29-75	72	72	71		hzl.	cum str	8	
2			38-2	"	"	4			29-75	72	72	71		"	"	5	
3			42-8	N.W.	"	4			29-72	73	72	71		o.c.r.l.	cum nim	0	
4			45.5	S.W.	S.W.	2-8			29-75	73	70	68		"	"	0	
5			45.5	S.by W.	S.S.W.	4-5			29-78	72	68	67		ocly	nimbus	0	
6			47.5	E.by N.	South	2-4			2981	72	68	67		f.c.l.	"	2	
7			54	E.N.E.½E.	N.E.	2-3			29-83	72	68	67		hzw.	cir cum mint	4	
8			61.75	N.E.¾N.	N.N.W.	1-2			29-84	72	68	67		o.c.	cum mintr	0	
9				S.W.by W.	S.W.by W.	3			29-92	74	68	67		"	"	0	
10				"	"	2			29-94	73	69	68		f.c.	cir. cum mint	2	
11				West	West.	2			29-93	72	70	68		"	"	3	
Noon.				W.by S.	S.W.	3			29-91	71	69	67		"	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 380 gallons.

Water distilled during the preceding 24 hours, 884 "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, 4 tons 1340 lbs.

Coal remaining on hand at Noon, 112 " 350 "

P. M.													
1	W.S.W.	S.W.	3	29-91	71	69	67	f.c.	cir cum th.	2.			
2	"	S.S.W.	3	29-92	71	69	67	"	"	2			
3	"	"	3	29-94	70	70	67	"	"	1			
4	"	"	3	29-97	70	70	67	o.c.	"	0			
5	SW.by W.	South	3	29-99	70	69	67	"	"	0			
6	S.W.	"	3	30-01	73	69	67	"	"	0			
7	"	"	3	30-02	75	68	66	"	"	0			
8	S.S.W.	"	3	30-05	77	68	65	"	"	0			
9	S by W.	"	4	30-08	75	67	64	f.c.	cir cum mint	2			
10	"	"	4	30-11	76	66	63	"	"	1			
11	"	"	4	30-14	75	66	63	"	"	3			
Mid.	"	"	4	30-14	74	76	72	"	"	4			

under the command of A. S. Snow, Commander, U. S. Navy,

Saturday, February 27th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant first hour, clouding over second and third hour and clearing last hour. Gentle and moderate breezes from N.E. first three hours, shifting to S.W. during fourth hour and blowing fresh gale. Steaming under two boilers course E. ¾ S. - At 3.35 anchored in 10 fathoms water with 75 fathoms port chain. - Stopped distilling.

D. Mersone
Ensign U.S.N.

4 to 8 A.M.

Cloudy or overcast - wind variable in force and direction. - moderate sea; - barometer falling; - At 5.45 got underway - and stood to the Ed. - towards Maldonado. Navigator conning; At end of watch, entering Maldonado harbor. - Chicago - Atlanta and Bennington in in sight.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy. Light to gentle breeze from W to the West. At 8.25, came to, and moored Starboard anchor to Ed. - 45 fathoms on each chain; 5½ fathoms water, - hard bottom; - Draft forward 13 ft. 3 in, Amidships 15 ft; Aft 16 ft. 3 in. - Bearings at anchorage - Cathedral N by E ½ E (mag), Pt. del Este Lt. S.E. ¾ E (mag). At. 9.40 loosed sail to bowline - At 9.54 Admiral left ship and hoisted flag on board Chicago. Signals as per record. Quarterly board condemned 3 lbs can butter and recommended that it be thrown overboard.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy. Gentle breezes from S.W. and S.S.W. Flagship made signal - 4826. Furled sail at 1.30. At 2.10 Flagship made signal, 2072. A can of butter (3 lbs.) was condemned by board of survey.

D. Mersone
Ensign U.S.N.

4 to 8 P.M.

Cloudy - Moderate breeze from the South. at 6 flagship made signals 3351 - 3955 - 6375

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Cloudy. Moderate breezes from South.

D. Mersone
Ensign U.S.N.

Examined and found to be correct.

L. K. Reed
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 2d Rate,

Maldonado Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by W.	S.S.E.	4			30-14	74	65	62		bc.	cirrum	6	
2				South	"	4			30-14	73	65	61		"	"	8	
3				"	"	3			30-14	73	64	61		"	"	9	
4				"	"	3			30-14	73	64	62		"	"	9	
5				"	"	4			30-15	72	64	62		"	cir. str.	8	
6				S by E.	"	4			30-18	68	65	63		"	"	8	
7				South	"	4			30-19	68	65	64		"	cir cum	8	
8				"	"	3-4			30-20	70	66	64		"	"	9	
9				"	S.E.	3			30 20	70	66	64		"	"	9	
10				"	S.S.E.	3			30-22	70	66	65		"	"	9	
11				"	"	3			30-23	70	67	66		"	"	9	
Noon.				"	"	3			30-23	69	67	66		b.	none	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2580 "

Coal consumed during the preceding 24 hours, tons lbs.

Coal remaining on hand at Noon, " "

P. M.																	
1				S by W.	S.E.	3			30-24	67	67	65		bc	cir cum	9	
2				S.W.	S.S.E.	3			30-24	66	66	65		"	"	8	
3				S.W. by W.	"	3			30-24	66	66	65		"	"	8	
4				W.S.W.	"	3			30-24	67	67	65		"	"	8	
5				S.W. by	S.E.	2			30-24	69	67	66		"	"	6	
6				South	"	2			30-24	70	68	65		"	"	7	
7				"	"	2			30-24	69	[illegible]	64		"	"	7	
8				"	"	2			30-24	69	66	64		"	"	7	
9				"	"	3			30-24	68	65	63		"	"	8	
10				"	"	3			30-25	70	65	63		"	"	9	
11				"	"	3			30-25	70	65	63		"	"	9	
Mid.						3			30-26	71	65	63		"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday February 28th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.
Clear and pleasant. Moderate to gentle breeze from S.S.E. At 3.25 P. Newman 2d class S, died of heart failure.

Geo. F. W. Holman
Lieut U.S.N.

4 to 8 AM.
Clear and pleasant. Moderate S.S.E. breeze. Executed morning orders: at 7 Flagship signalled 3350, 3956. 6373

W. D. Hulme
Ensign U.S.N.

8 AM to Meridian.
Clear and pleasant; gentle breezes from S.E. and S.S.E. At 9.30 inspected crew at quarters. Flagship made sig. 3350-3955-3955-annulling pennant 3955.-3756-6375. Made sig, numeral 0. at 9.05; numeral 2 at 11.00, and numeral 112 at 12.

C. F. Preston
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Gentle breeze from S.E. to S.S.E. Received aboard from undertaker ashore a coffin for P. Newman.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Light breezes from S.E. Sent visiting party to U.S.F.S. Chicago and U.S.S. Bennington. Flagship made uniform signals as follows 3351. 3755, 6375.

C. F. Preston
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from S.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut - Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,

Maldonado. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S by W.	S.E.	2			30.26	69	65	63		bc	cir cum	9	
2				S.S.W.	"	2			30.27	69	64	63		"	"	9	
3				S.W.	"	2			30-27	68	64	63		"	"	9	
4				"	"	2			30-27	68	64	63		"	"	9	
5				S.W by S	"	2			30-27	68	64	63		"	cir strs	8	
6				S.S.W.	"	2			3-27	68	64	62		"	"	8	
7				S by W.	S.E.	2			30-28	68	64	62		"	"	8	
8				"	"	2			30 28	69	64	62		"	"	8	
9				"	South.	1			30-29	69	66	63		"	"	9	
10				"	S.S.E.	1			30.30	69	68	65		"	"	8	
11				"		2			30-29	69	68	67		"	"	8	
Noon.				"		2			30-29	69	68	67		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 348 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 32224 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 111 " 1790 "

P. M.														
1	S by W.	S.E.	2	30-28	69	68	67	bc.	cir strs	8	
2	S by S.	E.S.E.	2	30-28	69	67	66	"	"	8	
3	S.E.	"	2	30-26	69	67	66	"	"	8	
4	S by E.	"	2	30-26	69	67	65	"	"	8	
5	East	East.	2	30-26	69	66	65	"	"	8	
6	E by N.	"	2	30-26	69	67	66	"	"	8	
7	"	E by N.	3	30-26	68	67	66	"	cir cum.	9	
8	"	"	3	30-26	72	67	66	"	"	9	
9	"	"	2	30-28	74	66	66	"	"	9	
10	"	"	2	30-28	74	66	65	"	"	9	
11	E.N.E.	E.N.E.	1	30-28	73	65	65	"	"	9	
Mid.	N.E.	N.E.	2	30-28	71	62	62	"	"	9	

under the command of A. L. Snow Commander, U. S. Navy,
Monday February 29th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.
Clear and pleasant. Bright starlight. Light breeze from S.E.

F. Arriens
Lieut. U.S.N.

4 to 8 AM.
Clear and pleasant. Light breezes from S.E. and S.S.E. Executed morning orders. The Chicago Atlanta and Bennington got underway at 5.30 and stood out of harbor - Lowered steam cutter.

D. McIlvaine
Ensign U.S.N.

8 AM to Meridian.
Clear and Pleasant. Light airs and breezes from South to S.E. Held funeral services aboard for P. Newman (2d class M); under the auspices of the Roman Catholic Church and sent the body ashore at Corrito Island for interment, rendering military honors as per regulation.

Geo. L. Holman
Lieut U.S.N.

Meridian to 4 P.M.
Fine, pleasant weather; Light breeze from S.S.E. to E.S.E. Navigator's and Powder divisions went on shore for small arm target-practice. Rigged steam cutter and fired two exercise gun-cotton Torpedoes; expended two exercise torpedoes, complete and one secondary spar.

F. Arriens
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light to gentle breeze from East to E. by N. Squads ashore engaged in target firing.

Geo. L. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant - Moon set at 8 - Bright starlight. Light breeze and light airs from E. by N. to N.E.

F. Arriens
Lieut. U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex., 3d Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	3			30-27	72	61	61		fw	none	10	
2				"	"	3			30-28	71	60	60		"	"	10	
3				"	"	2			30-28	71	60	60		"	"	10	
4				North	"	1			30-28	70	61	61		"	"	10	
5				N.W. by N.	"	2			30-28	66	63	62		fc.	cir. cum.	8	
6				W.N.W.	"	2			30-28	64	63	62		"	"	7	
7				W. by S.	N.N.E.	2			30-29	63	63	62		"	"	7	
8				E.S.E.	"	2			30-31	67	65	64		"	"	7	
9				East	E. by N.	3			30-32	69	69	66		"	"	7	
10				E. by S.	East	4			30-33	70	70	66		"	"	7	
11				East	"	4			30-33	71	70	67		"	"	7	
Noon.				"	"	4			30-33	71	70	67		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 366 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1856 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 111 " 1390 "

P. M.												
1	East	East.	4	30-33	71	70	68	fc.	cir cum St.	7	
2	E. by N.	"	4	30-31	71	70	69	"	"	7	
3	"	"	4	30-28	71	70	69	"	"	6	
4	"	"	4	30-26	71	70	69	"	"	4	
5	E by N.	E.N.E.	3	30-24	71	70	69	"	"	5	
6	E.N.E	"	3	30-25	71	70	69	"	"	7	
7	"	"	4	30-24	74	68	67	"	"	4	
8	"	"	4	30-24	74	68	67	"	"	4	
9	N.E. by E.	N.E.	4	30-25	75	68	67	o.c.	nim	0	
10	"	"	3	30-25	75	67	65	fc.	circumSt	3	
11	N.E. by N.	"	3	30-25	74	66	64	"	"	6	
Mid.	North	"	3	30-26	73	65	64	"	"	8	

under the command of A. S. Snow, Commander, U. S. Navy,

Tuesday March 1st, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant. gentle to light breeze from N.E.

W. Ray Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.

Clear and pleasant. Gentle breeze from N'd and E'd: Sent 1st, 3rd. and Engineer's Div's., to island for small arm practice on shore and Navigator's Division for firing from boat at small arms and revolvers.

J. V. B. Blocker
Lieut. U.S.N.

8 A.M. to Meridian.

Fine pleasant weather. Gentle to moderate breeze from E by N and East. - Engineer's, 1st and 3rd divisions & Marine guard on shore for small arm target practice. - Navigator's and Powder divisions on shore for small arm and revolver practice.

F. A. Wilner
Lieut. U.S.N.

Meridian to 4 P.M.

Fair and pleasant, mod. breeze from East. The board of inspection counted the cash & the Torpedo Officer inspected the gun cotton.

W. Ray Mason Field.
Ensign. U.S.N.

4 to 8 P.M.

Partly cloudy pleasant weather. Gentle to moderate breeze from S.E.

F. A. Wilner
Lieut U.S.N.

8 P.M. to Midnight.

Cloudy, at times fair weather; Moderate to gentle breeze from N.E.

W. Ray Mason Field.
Ensign U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.NE.	N.E.	2			30-25	73	65	63		blw	cir cum	8	
2				N. by W.	"	2			30-25	70	65	63		"	"	7	
3				N by E	"	2			30-24	70	65	63		"	"	7	
4				"	"	2			30-24	71	64	63		"	"	9	
5				N.NE.	"	2			30-24	71	63	62		b.cu.	"	8	
6				"	"	2			30-24	71	63	62		bc.	"	8	
7				"	"	2			30-24	71	64	63		"	"	8	
8				NEbyN.	"	1			30-24	68	65	64		"	"	8	
9				SE	East	1			30-25	68	68	67		"	"	9	
10				Eby S.	"	3			30-25	70	70	69		"	"	8	
11				"	"	4			30-25	71	71	70		"	"	8	
Noon.				Eby N.	"	5			30-22	72	72	71		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1484 "

Coal consumed during the preceding 24 hours, tons 20 20 lbs.

Coal remaining on hand at Noon, 110 " 1610 "

P. M.														
1		Eby N.	Eby N.	5	30-22	72	72	68		bcu	cir cum		7	
2		"	"	5	30-20	72	71	68		"	"		7	
3		"	"	5	30-18	72	71	68		"	"		7	
4		"	"	5	30-17	73	71	62		"	"		7	
5		"	"	5	30-16	73	71	68		"	"		7	
6		"	"	4	30-16	72	70	67		"	"		7	
7		ENE	ENE	4	30-16	74	70	67		"	"		5	
8		NEby E.	NEby E.	4	30-17	77	69	67		"	"		7	
9		"	"	4	30-17	75	69	67		"	"		8	
10		"	"	4	30-17	77	69	67		"	"		2	
11		"	NE.	2	30-17	77	68	67		"	"		2	
Mid.		NNE.	"	2	30-17	76	69	68		"	"		8	

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday March 2d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.
Clear and pleasant - barometer steady; - light to gentle breeze from N.E.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle breeze from N'd and E'd. Sent 2d Division on shore for rifle firing and 1st Division to fire from boat. Received fresh provisions for crew, 110 lbs fresh beef, — 110 lbs vegetables - 88 lbs bread.

J. V. B. Bleecker
Lieut. U.S.N.

8 AM to Meridian.
Clear and pleasant; light airs to stiff breeze from East. The 2d and 1st divisions returned from target practice.

W. Ry Mann Field
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Fresh breeze from E by N. Target firing ashore and sub-calibre practice on board.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear and fine; stiff to moderate breeze from E by N.

W. Ry Mann Field
Ensign U.S.N.

8 P.M to Midnight.
Cloudy and pleasant - moderate to light breeze from N.E. and N.E. Barometer steady. At 10-05 General Quarters, Times as follows 1st Division ready 12 minutes 40 seconds; 2d Division, ready 7 minutes 20 seconds; 3rd Division ready 5 minutes ~~30 seconds~~; Powder Division, - 6 minutes 50 seconds; — Navigators Division in 6 minutes 55 seconds; — Engineers Division 5 minutes 40 seconds; — Marine Guard — 6 minutes 5 seconds; — Pay Department, 3 minutes, 50 seconds; Surgeons ready in 6 minutes 40 seconds

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Maldonado Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NE by N.	N.E.	3			30.16	75	67	66		Lowr	cir cum	9	
2				N.N.E.	"	3			30.16	74	66	66		"	"	9	
3				NE by N.	"	3			30.15	73	65	65		"	"	9	
4				"	"	3			30.13	73	64	64		"	"	9	
5				"	"	3			30.12	73	64	64		"	"	9	
6				N by E	"	2			30.12	71	64	63		"	"	7	
7				North	"	2			30.13	69	65	64		"	"	6	
8				N.E.	"	2			30.12	70	67	66		"	cir cum Mist	2	
9				"	"	3			30.11	71	71	68		"	"	4	
10				"	"	4			30.10	72	72	70		"	"	5	
11				E.N.E.	E.N.E.	4			30.04	73	74	72		"	"	4	
Noon.				E by N.	E by N.	5			30.04	73	72	71		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 370 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 11 14 "

Coal consumed during the preceding 24 hours, tons 940 lbs.

Coal remaining on hand at Noon, 110 " 670 "

P. M.												
1			Eby N.	East	5	30-02	72	72	71	Lowr	cir cum	6
2			"	"	5	29-99	72	72	71	"	"	5
3			"	"	6	29-96	74	73	72	"	"	5
4			"	"	6	29-95	74	73	72	"	"	5
5			N.E	N.E.	6	29-94	76	74	73	"	"	5
6			"	"	6	29-93	76	75	73	"	"	4
7			"	"	5	29-93	77	74	72	"	"	5
8			NE by N	"	5	29-95	79	73	72	"	"	7
9			NE	"	4	29-94	79	73	71	"	"	7
10			"	"	4	29-93	79	72	70	"	"	5
11			"	"	3	29-96	78	73	71	Lowr	"	6
Mid.			NE by N	"	3	29-93	76	73	71	"	"	5

under the command of P. L. Snow Commander, U. S. Navy,
Thursday March 3rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ 4 until 4 AM.
Clear and wet. Gentle N.E. breezes.

W.O. Hulme
Ensign U.S.N.

4 to 8 AM
Clear - then clouding up: — light breeze from N. E.
Sent 2d division ashore to shoot for Navy prize.
Lighted fires for distilling.

C. Ry Mesn Field.
Ensign U.S.N.

8 AM to Meridian
Alternating, clear and cloudy: wind gentle at first, increasing to fresh breeze at end of watch: barometer falling - Finished target practice with small arms and revolver. Practice with 4pt calibre. Distilling

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Fresh to very fresh breeze from the East. 1st Division finished 4pt calibre fire. Hoisted sailing launch - distilling.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant - barometer steady - fresh to mod. breeze from N.E. - Distilling

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight
Fair. Moderate to gentle N.E. breezes — Distilling

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

C. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex. , 3d. Rate,

Maldonado, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E.	N.N.E.	4			29.94	77	74	72		bcl.	cir cum	4	
2				"	"	2			29.94	77	74	72		"	cum str.	4	
3				N.N.E.	"	2			29.93	77	72	71		"	"	6	
4				"	"	2			29.91	77	72	71		"	"	8	
5				N by E	"	2			29.91	77	71	70		"	cir cum str.	3	
6				N.N.W.	"	1			29.89	73	71	70		bc.	"	2	
7				"	"	2			29.89	72	71	70		"	"	1	
8				N by W.	"	3			29.88	74	72	71		"	"	2	
9				"	"	3			29.88	75	74	72		"	cum nimb	1	
10				N.N.W.	North	3			29.87	75	75	73		rcp.	"	0	
11				W.N.W.	"	1			29.87	75	74	72		bc.	"	2	
Noon.				W by S.	W by S.	1			29.86	74	74	72			"	3	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 370 gallons.

Water distilled during the preceding 24 hours, 1986 "

Water remaining on hand fit for use at Noon, 2730 "

Coal consumed during the preceding 24 hours, 1 tons 1940 lbs.

Coal remaining on hand at Noon, 108 " 970 "

P. M.												
1		S.W.	S.W.	1	29.86	75	73	71	bc	circum	5	
2		W.S.W.	"	1	29.84	74	73	70		"	7	
3		"	"	1	29.81	74	73	71	"	"	7	
4		"	"	2	29.80	76	73	71	"	"	7	
5	5.3	W.S.W. 1/2 W.	"	1	29.78	75	72	71	"	"	8	
6	13.0	"	"	2	29.80	73	72	70	"	"	9	
7	20.5	"	"	1	29.80	78	71	70	"	"	8	
8	28.4	"	"	1	29.81	79	71	70	"	"	9	
9	36.5	"	"	2	29.82	79	71	70	bclw	"	8	
10	44.4	"	"	4	29.85	77	72	71	"	"	7	
11	50.5	S.W. 3/4 W.	"	3	29.84	77	72	71	bcl.	"	9	
Mid.		East.	N.E.	3	29.88	75	71	70	ocl	nim	0	

under the command of A. S. Snow, Commander, U. S. Navy,

Friday March 4th, 1892

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Q until 4 AM.

Cloudy; clearing last hour. Lightning to Sd. and Wd. - moderate and light breezes from N. N.E.

D. M. Stone
Ensign U.S.N.

4 to 8 AM.

Cloudy and pleasant; barometer steady - light breeze and light airs from N.N.E. & NE. - Had practice with gatling & 3" B.L.

J. T. Newton
Lieut U.S.N.

8 AM to Meridian.

Cloudy - Passing shower 2d hour - Gentle breze to light airs from NE to W'ly. S. At 8.30 landed battalion for exercise. At 11.35 started fires in two boilers - Battalion returned at 11.20: 1st and 2d Boarders fired at target.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 PM.

Fair; - light airs and breezes from S.W. At 12.9 Cleared ship for action. At 1.51 went to General quarters, times as follows, 1st Division ready 1 minute, 35 seconds; 2d Division 1 minute 45 seconds; 3rd Division, 1 minute 40 seconds; Navigator 1 minute 20 seconds. Powder 3 minutes; Marine Guard 40 seconds. Engineers Div. 30 seconds; Pay Department, 20 seconds; Surgeons 1 minute 50 seconds. At 2.09 called all hands Abandon Ship - Secured ship - turned over engines and unmoored ship and began heaving in both anchors.

D. M. Stone
Ensign U.S.N.

4 to 8 PM.

Clear. Light airs to light breeze from S.W. At 4.07 got underway and stood out of Maldonado Harbor. At 4.17 took departure from pier bearing N.E. 3/4 N. Bellana Pt., saddle W.N.W. 3/4 W (both mag). Course W.S.W. 1/2 W. patent log 0. Draft forward 13 ft 3 in. Amidships 14 ft 9 in. Aft 16 ft 3 in. Cleared up ship

W. O. Hulme
Ensign U.S.N.

8 PM to Midnight.

Clear and pleasant first two hours, clouding over to Sd and Wd, last two hours. Light to moderate breezes from S.W. and N.E. Lightning to Wd. and Sd. Steaming with three boilers. Course W.S.W. 1/2 W. at 10.20 changed course to S.W. 3/4 W. patent log 47.1 At 10.55 let go port anchor in 6 1/2 fathoms water, and veered to 60 fathoms on port chain. Bearings at anchorage Flores Island light (mag) N 3/4 E. - English bank light ship (mag) E by S. Cerro N.W. 3/4 W. stopped distilling. Banked fires. Av. steam - 62. Average revolution 46.

D. M. Stone
Ensign U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Making passage from Maldonado to Montevideo.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	North	3			29-88	74	71	70		o.c.	nmi	0	
2				S.W.	W.S.W.	3-5			29-87	75	71	70		"	"	0	
3				"	S.W.	6			29-87	75	70	69		"	"	0	
4				"	"	7			29-89	74	68	66		o.c.	"	0	
5				S.W.by.S.	S.S.W.	5-6			29-84	72	68	66		"	"	0	
6				"	"	4-5			29-85	69	68	66		"	"	0	
7				S.S.W.	South	4-5			29-88	70	68	66		"	"	0	
8				S.W.by.S.	"	4-5			29-91	71	67	66		"	"	0	
9				S.W.	"	2-3			29-92	71	68	66		"	"	0	
10				"	"	2-3			29-93	71	68	65		"	"	0	
11				"	"	3			29-93	71	68	64		h.c.	cir cum nim	2	
Noon.				"	"	3			29-92	71	68	64		"	"	1	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 375 gallons.

Water distilled during the preceding 24 hours, 389 "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, 5 tons 180 lbs.

Coal remaining on hand at Noon, 103 " 790 "

P. M.														
1			South	3	29-93	70	68	64	h.c.	cir cum	1			
2			"	3	29-92	70	68	63	"	"	1			
3		S by E.	"	2	29-91	72	69	66	"	cir cum stra	3			
4		"	"	2	29-91	73	69	65	"	"	3			
5		"	"	2	29-88	71	69	65	"	"	4			
6		N.W by W.	E.S.E.	2	29-88	71	69	67	"	"	7			
7		"	"	2	29-86	71	69	67	"	"	7			
8		W.N.W.	N.N.E.	2	29-90	71	69	67	"	"	7			
9		N.W.	"	3	29-90	72	69	67	"	"	8			
10		W.N.W.	"	3	29-92	72	69	65	"	"	9			
11		"	"	3	29-93	70	67	64	"	"	9			
Mid.		"	"	3	29-93	69	67	64	"	"	9			

under the command of A. S. Snow Commander, U. S. Navy,
Saturday March 5th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (am) until 4 Am

Overcast. Gentle breeze from South until 1.45, when the wind shifted to West in a stiff squall and then hauled to S.W. increasing in force to very fresh breeze. — Lightning in the West and N.W. first three hours.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 Am.

Overcast. Stiff to gentle breeze in squalls from S.S.W. to the South.

W. O. Hulme
Ensign U.S.N.

8 Am to Meridian.

Cloudy. Light and gentle breezes from South. At 9.50 brought to port chain and hove in to 15 fathoms: turned over engines. At 11.20 got up anchor and planted target. Began firing at target with great guns

C. McIlvaine
Ensign U.S.N.

Meridian to 4 PM

Cloudy. Gentle to light breeze from South. Engaged in great-gun target-practice under way. Anchored at 2, and at 3 made preparations for firing with small arms and gatling underway. Hove up the anchor at 3.40 and began the firing.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.

Cloudy and clearing last part. Light breezes from South, E.S.E. and N.N.E. Finished firing at small arms and stood in for Montevideo, course — N.W. 3/4 N. At 5.38 changed course to N.W. by W. At 6.25 changed course to N.W. by W 3/4 W. At 7.00 changed course to W.N.W. 1/2 W. — Changed course under direction of Commanding Officer, standing in for anchorage. Made our number and asked permission to anchor 1211. Flagship granted permission. Anchored at 7.50 in 5 fathoms water; 45 fathoms port chain. Flagship signalled 2121. — Bearings at anchorage, — Cerro (mag). N.W. 3/4 N. — Brava Point (mag). East.

C. McIlvaine
Ensign U.S.N.

8 PM to Midnight.

Clear and pleasant. Gentle breeze from N.N.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

C. V. Counts
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Montevideo. Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E	N.E.	3			29-93	69	66	63		f.c.l.	cir cum	7	
2				NE by E	"	3			29-93	70	66	63		o.c.l.	nim	0	
3				NE.	"	4			29-91	70	66	63		calm	"	0	
4				"	"	4			29-91	68	66	64		"	"	0	
5				N.N.E.	N.N.E.	3			29-90	69	62	61		o.c.r.	"	0	
6				NE by N.	"	4			29-84	65	63	60		oc	"	0	
7				N by E.	"	4			29-83	67	62	61		f.c.	cir cum mist	1	
8				N.W.	"	2			29-83	66	63	61		"	"	3	
9				N.W. by W.	North.	2			29-86	68	66	63		"	cir cum	4	
10				"	N.N.W.	3			29-85	70	69	66		"	"	6	
11				West	N.W.	3			29-84	72	72	69		"	"	6	
Noon.				"	W.N.W.	3			29-82	73	74	71		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 382 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2562. "

Coal consumed during the preceding 24 hours, 3 tons 700 lbs.

Coal remaining on hand at Noon, 100 " 90 "

P. M.													
1			W by S.	W.S.W.	2		29-81	75	76	73	f.c.	cir cum	6
2			W.S.W.	"	2		29-79	75	76	73	"	"	6
3			S.W.	S.W.	1		29-75	75	76	73	"	"	4
4			S.S.W.	"	1		29-72	76	76	74	"	"	4
5			S.E by S	W.S.W.	1		29-70	76	76	73	"	"	3
6			S.E.	east	2		29-67	78	76	74	"	"	6
7			E by S	N.E.	3		29-66	78	76	73	f.c.l	"	6
8			"	"	2		29-67	78	75	73	"	"	7
9			S.W.	W.S.W.	1		29-67	78	76	73	"	"	6
10			W.	N.W.	2		29-67	80	76	73	f.c.l.	cum mist	4
11			S.S.W.	S.S.W.	2		29-71	80	74	71	f.c.l.g.	"	2
Mid.			West	"	2		29-71	79	72	71	f.c.l.	"	3

under the command of W. L. Snow Commander, U. S. Navy,
Sunday March 6th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant, Cloudy last ~~two~~ hours with rain last two hours. Lightning to N.E. and E. Gentle to moderate breeze from N.E. Fires banked.

F.A. Jones
Lieut. U.S.N.

4 to 8 AM.
Cloudy. Raining first hour. Light to moderate breezes from N.N.E. Executed morning orders. Flagship made uniform signals as follows 3350, despatch 3962, 6370.

C.M. Stone
Ensign U.S.N.

8 AM. to Meridian.
Clearing. Light to gentle breeze from North to W.N.W. At 9.30 inspected at quarters and at 9.45 read the Articles for the Better Government of the Navy and had general muster. Made signals reporting absentees at 9; number of sick at 10. and amount of coal on hand at noon. Received an official visit from the Magnie by a boarding officer.

Geo. F. Holloman
Lieut. U.S.N.

Meridian to 4 P.M.
Fine pleasant weather. Light breeze and light airs from W.S.W. to S.W. Comdg. Officer of U.S.S. Atlanta paid a visit to this ship. Fires banked.

F.A. Jones
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light airs from W.S.W. first hour, and light to gentle breeze from East to N.E. after that: a cloud bank rising slowly in the S.W. latter part of watch, with distant lightning. At 5.30 Flag ship made dress signals and at 6, 2072 Ans'd.

Geo. F. Holloman
Lieut. U.S.N.

8 P.M. to Midnight.
Generally cloudy and threatening. Light airs from W.S.W. till 9.30 when wind shifted to N.W. at about ten wind died out then came out suddenly from S.S.W. and blew very fresh for about ten minutes; Light breeze from S.S.W. remainder of watch. Threatening at end of watch. Fires banked.

F.A. Jones
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.S.W.	2-6			29-73	77	71	69		o.c. l.r.t.	nimb	0	
2				W.S.W.	West	4			29-72	77	70	69		"	"	0	
3				West	N.W.	3			29-70	77	72	70		b.c.	cum nim	2	
4				"	"	5			29-68	75	71	71		"	"	6	
5				W.S.W.	"	3			29-69	75	71	70		"	nimb	6	
6				S.W.	Variable.	1-3			29-69	73	73	71		b.c.	cr cum nimb	7	
7				"	S.W.	2			29-70	73	71	70		"	"	6	
8				W.S.W.	"	2			29-71	73	72	70		"	"	2	
9				"	South	2			29-72	74	72	70		"	"	6	
10				"	E.S.E.	2			29-74	74	73	71		"	"	4	
11				"	S.E.	2			29-75	75	73	71		"	"	4	
Noon.				West	S.S.E	2			29-75	73	73	70		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 22 00 "

Coal consumed during the preceding 24 hours, tons 1880 lbs.

Coal remaining on hand at Noon, 99 " 450 "

P. M.														
1		W.S.W.	South.	2			29-76	72	72	69	f.c	cr cum	6	
2		S.W.	"	2			29-76	72	72	69	"	"	7	
3		"	"	2			29-76	72	72	68	"	"	7	
4		S. by W.	"	2			29-76	73	72	68	"	"	8	
5		"	S.S.E.	1			29-76	74	73	68	"	"	8	
6		S.S.E.	East.	1			29-76	74	73	68	"	"	6	
7		"	"	2			29-76	75	73	69	"	"	6	
8		N.E.	E. by N.	1			29-77	76	72	68	"	"	9	
9		N.N.W.	East.	2			29-77	76	72	68	"	"	9	
10		N.N.W.	"	2			29-78	78	71	68	"	"	8	
11		"	N.E.	2			29-80	79	71	68	"	"	6	
Mid.		"	"	1			29-79	79	71	67	"	"	3	

under the command of A. S. Snow, Commander, U. S. Navy,
Monday March 7th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mountd 4 A.M.

Overcast; lightning; thunder, very heavy rain squall at end of first hour, and lasting about 20 minutes; then steady rain for the second hour — Clearing third and fourth hours. Wind variable in direction and force during whole watch: Barometer very low.

W. O. Bulmer
Ensign U.S.N.

4 o'clock to 8 A.M.

Generally fair. Gentle breeze from N.W. first hour variable airs and gentle breezes second, and light breezes from S.W. latterpart. At 7. Flagship made divs signals. At 8 took guard. Received for use of crew 110 lbs each fresh beef and vegetables and 88 lbs bread.

Jno. F. W. Folsom
Lieut. U.S.N.

8 A.M. to Meridian.

Partly cloudy pleasant weather. Light breeze from South to S.S.E. At 9.30 mustered at quarters and exercised divisions as artillery and Infantry. By order of Commanding Officer the personal effects of Patrick Newman (Newman) — (2d class Fireman), deceased, were sold at public auction; The Commanding Officer adjudged the following punishments, viz; Johnson F. (Capt d'c) having scrubbing gear in the Port ventilator — 2 extra watches; Nielsen A. (Ls), not obeying order when Division was called — 5 night watches; Carmody Th. (Ord. Mc), clothes in Lucky Bag — 6 hours extra duty; — Kelsey F. A. (Sapp 1d), not coming forward and manning gear when word was passed — 4 night watches. Flagship made following general signals 5 4 5 5 and 2 7 6, & loosed sails at 10.50 — Sent an officer to return boarding call of Htms Magpie — Ens Hanks.

Lieut. U.S.N.

Meridian to 4 P.M.

Clear and fine. Light breeze from S. A Medical Board of Survey of which Surgeon H. H. Street U.S.N. was Senior Member, convened on board for the survey of Wm Lindsey (Ck) and Wm Fellowes (Baymand).

W. Roy Mason Full
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Light airs to light breeze from S.S.E. and East. At 4.20 furled sail in obedience to signal. Received — Matthew Cummings (ser Apl 2d cl) from the U.S.S. Atlanta with bag, hammock and transfer papers — Transferred Kegi Izaki (Ds) to the U.S.S. Atlanta, with his bag, hammock and transfer papers. Under banked fires.

Lieut. U.S.N.

8 P.M. to Midnight.

Fair and pleasant: light breeze from E. by N. to N.E.

W. Roy Mason Full
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				WbyW.	Calm	0			29-81	78	71	68		bo	nmib	4	
2				NWbyW.	N.E.	1			29-81	74	71	68		ocf	"	0	
3				E.S.E.	East	1			29-81	76	71	68		oc.	"	0	
4				"	"	1			29-81	76	71	67		ocf	"	0	
5				Eby S.	E.N.E.	1-3			29-84	76	72	66		ocqbtd	"	0	
6				NNE.	North	2			29-90	71	68	64		ocld	"	0	
7				North	"	2-3			29-90	70	66	63		ocqm	"	0	
8				NbyE	N.N.E.	3			29-89	69	65	63		ocm.	"	0	
9				NNE.	E.N.E.	4			29-88	70	66	64		oc.	Cum-Sth	0	
10				WNW.	N.N.E.	3			29-89	70	66	64		"	"	0	
11				"	N.N.W.	3			29-88	70	67	64		"	"	0	
Noon.				"	"	3			29-88	71	68	65		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 370 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1830 "

Coal consumed during the preceding 24 hours, tons 1920 lbs.

Coal remaining on hand at Noon, 98 " 770 "

P. M.														
1			West	N.N.W.	3		29-88	71	68	65	oc.	nmib	0	
2			WbyS.	South.	3		29-87	71	69	66	"	"	0	
3			"	"	3		29-86	71	69	66	"	"	0	
4			"	"	3		29-84	71	69	66	"	"	0	
5			"	E.S.E.	3		29-84	71	69	66	"	"	0	
6			"	East	2		29-91	70	69	67	"	"	0	
7			W.S.W.	E.S.E.	2		29-92	73	69	67	"	"	0	
8			"	"	2		29-93	75	69	67	"	"	0	
9			"	"	3		29-96	76	70	67	"	"	0	
10			SW.	"	3		29-98	76	70	68	"	"	0	
11			"	S.E.	3		29-98	77	70	68	bc	cricum	5	
Mid.			"	"	4		29-98	77	70	68	"	"	7	

under the command of A. S. Snow Commander, U. S. Navy,

Tuesday March 8th, 1842.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 AM.

Cloudy or overcast - calms and light airs. - Sheet and chain lightning from E., around to W. passing by N. occasional thunder barometer steady -

J. T. Newton
Lieut. U.S.N.

4 to 8 AM.

Cloudy and threatening. Light to gentle breeze from ENE to N with occasional light squalls.

~~A~~ Lieut. U.S.N.

8 AM to Meridian.

Overcast - gentle breeze from E.NE. to N.N.W; Mustered at quarters and the divisions overhauled the battery. By order of Commanding Officer the following changes were made in ratings - Robinson (C. Mate) was disrated to Quarter=Gunner and Joseph Anderson (Qr. Gunner) was rated Chief Gunner's Mate; D. McLain (O.S.) to 2d Class Fireman from March 1; made routine signals

C.
C. Ry Mann Fleld.
Ensign U.S.N.

Meridian to 4 PM.

Overcast - gentle breeze from N.N.W. and South - Barometer falling slowly - W. Fellows (Boy) and W. Linchey (O.S.) were sent to British Hospital ashore.

J. T. Newton
Lieut U.S.N.

4 to 8 PM.

Overcast; light to gentle breeze from E and E.S.E. - Received in Pay Department 800 lbs pork and 300 lbs beef - At 7.20 Admiral Walker, with the Chicago Atlanta and Bennington left the harbor for Ensenada

C. Ry Mann Fleld.
Ensign U.S.N.

8 PM to Midnight.

Overcast; clearing latter part - barometer steady; - gentle to moderate breeze from Sd, and Ed.

J. T. Newton
Lieut U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	S.S.E.	3			29-98	77	69	68		fc	cir cum	7	
2				S.E.	"	3			29-99	76	69	67		"	"	8	
3				"	S.E.	4-5			29-98	76	68	66		"	"	6	
4				S.E.	"	4-5			29-98	75	67	65		"	"	7	
5				S.S.E.	"	5			30-00	73	67	63		"	"	8	
6				S.E. by E.	"	5			30-04	69	67	65		"	Cr cm ptc	7	
7				"	"	5			30-05	69	66	65		"	"	6	
8				S.E.	"	5			30-06	70	66	65		"	"	6	
9				"	"	4			30-07	70	67	64		"	"	7	
10				"	"	4			30-10	70	68	63		"	"	7	
11				"	"	3			30-10	70	68	63		"	"	7	
Noon.				S.E. by E. 5/8 E.	"	3			30-10	71	68	63		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1470 "

Coal consumed during the preceding 24 hours, tons 2055 lbs.

Coal remaining on hand at Noon, 96 " 955 "

P. M.												
1		Variable - Running	S.E.	3-4	30-10	69	68	63	fc	cir cum	5	
2		down of Survey	"	3-4	30-08	69	70	65	"	"	5	
3		"	"	3-4	30-09	69	69	64	"	"	5	
4		"	"	3-4	30-09	69	68	63	"	"	5	
5		"	"	3	30-09	69	68	63	"	"	5	
6		"	"	3	30-10	69	67	63	"	"	5	
7		S.W. by W.	"	3	30-12	69	66	62	"	cir cum Nim	5	
8		S.W.	"	3	30-13	71	65	61	"	"	3	
9		"	"	4	30-15	73	65	62	"	"	2	
10		"	"	4	30-15	73	65	61	"	"	4	
11		S.W. by S.	"	4	30-15	71	64	61	"	"	4	
Mid.		West	"	3	30-16	71	64	60	"	"	3	

under the command of A. S. Snow, Commander, U. S. Navy,
Wednesday, March 9th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 PM.
Generally clear. Gentle to stiff breeze from S.S.E. to S.E. Furls sails.

W. O. Hulme
Ensign U.S.N.

4 to 8 AM.
Clear and pleasant. Stiff breeze from S.E. Hoisted the seniority pennant. Received 109½ lbs fresh beef, 67½ lbs vegetables and 86 lbs soft bread. Made uniform signals.

G. Ry Rawson Jr.
Ensign U.S.N.

8 AM to Meridian.
Bright and pleasant. Barometer steady. Moderate to gentle breeze from S.E. - At 9.30 quarters. - Battalion drill. - Draught forward 13 - 3 in. - midships 14 - 9, - aft 16 - 3. Got underway at 11.30 and stood out for sounding ground. - Fellows W., detached from Bayman to Landsman, and J. Kerwin rated from Landsman to Bayman. At 12 began running lines of soundings to the Ed.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 PM.
Fair and pleasant; - gentle to moderate breeze from S.E. - Running E. and W., lines of soundings, to S'd of Brava Lt. - Gantic engaged in running N. and S. lines.

C.K.C. Le. V. Lewis
Lieut. U.S.N.

4 to 8 PM.
Cloudy and pleasant: - barometer steady - gentle breeze from S.E. Running lines of soundings. Anchored at 6.36 - 45 fathoms post chain in 6 fathoms water. - Banked fires.

J. T. Newton
Lieut. U.S.N.

8 PM to Midnight.
Cloudy Moderate S.E. breeze. Banked fires. ——

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

Le. V. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				West	S.E.	3			30-15	71	64	61		bc	cir cum	5	
2				W by N.		3			30-15	71	65	61		"	"	7	
3				"	"	3			30-15	71	65	61		"	"	7	
4				"	"	3			30-15	71	65	61		"	"	8	
5				"	"	3			30-15	70	65	61		"	cum	5	
6				"	"	3			30-15	70	65	62		"	cr cum	2	
7				"	"	3			30-15	67	65	62		"	"	3	
8				Variable - Running	"	3			30-18	69	65	62		"	"	3	
9				lines of Survey	"	3			30-19	68	67	63		"	"	3	
10				"	"	3			30-20	69	68	64		cr cum Nimb	"	3	
11				"	"	3			30-20	69	68	64		"	"	1	
Noon.				"	"	4			30-19	68	67	63		"	"	2	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1098 "

Coal consumed during the preceding 24 hours, 3 tons 1660 lbs.

Coal remaining on hand at Noon, 92 " 1535 "

P. M.											
1	Variable - Running lines of Survey	S.E.	4	30-19	69	68	65	bc.	cr cum Strs.	2
2	"	"	4	30-18	70	67	64	oc	"	6
3	N.N.W. 3/4 W.	"	3	30-18	69	68	64	"	"	0
4	S.S.E.	S.S.E.	3	30-18	70	67	64	bc.	"	2
5	"	S by E.	3	30-18	69	66	64	oc	"	0
6	S.E. by S.	"	3	30-18	68	65	63	"	"	0
7	"	"	2	30-18	73	65	62	"	"	0
8	S.E.	S.S.E.	2	30-18	73	65	63	bc	"	2
9	"	"	2	30-19	75	65	63	oc.	nimb.	0
10	"	East.	2	30-19	75	65	63	"	"	0
11	S by E	S by E.	3	30-19	75	66	63	oc d.	"	0
Mid.	S.S.E.		4	30-19	71	63	62	oc r.	"	0

under the command of A. S. Snow, Commander, U. S. Navy,

Thursday, March 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quntil 4 AM.

Partially cloudy first hours; - Fair last part; - gentle breezes from S.E. Fires banked.

D. M. Stone
Ensign U.S.N.

4 to 8 AM.

Partly cloudy & pleasant. Moderate breze from S.E. and E.S.E.; - At 7. got underway and engaged during rest of watch running lines of soundings with ship for survey. Yantic got underway at 7.15 and continued running lines. Yantic made the following signals - Nigiwag - To Captain Snow -, What time shall I get under way? - Answer - Get underway at seven o'clock. - Made to Yantic, Have you found any shoal water yet. - Ans., - No. At 7.30 made dress signals 6375, 3955 and 3351.

J. B. Blucker
Lieut. U.S.N.

8 AM to Meridian.

Generally fair first part. Cloudy latter - Gentle to moderate breezes from S.E. Running E. and W., lines of Soundings to S.E. of Brava. Yantic engaged in running N. and S. lines.

L. K. Lewis
Lieut. U.S.N.

Meridian to 4 PM.

Cloudy - Gentle and moderate breezes from S.E. and S.S.E. - Running lines of soundings. At 2.45 finished survey and stood in for Montevideo. At 3.21 let go port anchor, and moored with 45 fathoms on both chains. Lowered steam cutter - Scraping ships side. - Draft forward 13-3; midships 14-9 - Aft 16-3. Bearings of anchorage (mag), El Cerro N.W. x W. 3/4 W. and Piedras N. 1/4 W.

D. M. Stone
Ensign U.S.N.

4 to 8 PM.

Overcast - Gentle to light breeze from S.E. At 7.05 Yantic - anchored on port beam - Signals as per record - Sent liberty party ashore.

M. O. Hulme
Ensign U.S.N.

8 PM to Midnight.

Overcast and Cloudy - Raining last two hours - Light and gentle breezes from East to S.S.E.

D. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S. by E.	S.S.E.	3			30-19	70	63	61		ocr	nm	0	
2				"	"	3			30-18	70	63	62		o cd	'	0	
3				"	"	2			30-18	69	63	61		o.c.	"	0	
4				South	"	2			30-18	69	64	61		"	"	0	
5				S.S.E.	"	2			30-17	69	64	61		bc	cum nm th	1	
6				"	"	2			30-17	69	64	61		"	"	1	
7				"	"	3			30-17	68	64	60		"	cir cum	8	
8				S. E. by S.	"	3			30-17	69	64	61		"	"	9	
9				"	South	3			30-17	69	64	61		"	"	9	
10				"	S. by E.	4			30-16	69	65	61		"	"	8	
11				S.S.E.	S.S.E.	3			30 16	71	65	62		"	"	8	
Noon.				"	"	3			30-16	70	66	62		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water distilled during the preceding 24 hours, 1992 "

Water remaining on hand fit for use at Noon, 27235 "

Coal consumed during the preceding 24 hours, 2 tons 290 lbs.

Coal remaining on hand at Noon, 90 "1245 "

P. M.												
1	S.S.E.	S.S.E.	3	30-16	69	66	63	bc	cir cum	8	
2	S.E.	S.E.	3	30-16	70	67	64	"	"	8	
3	"	"	3	30-14	70	67	64	"	"	8	
4	S.E. by S.	"	3	30-14	71	67	64	"	"	9	
5	S by W.	"	2	30-13	68	67	64	"	'	9	
6	S.E.	E.S.E.	1	30-12	68	66	61	"	"	9	
7	"	"	2	30-12	72	66	61	"	"	9	
8	"	E.N.E.	2	30-13	73	66	61	bc	nm	10	
9	"	"	2	30-13	74	66	61	"	"	10	
10	"	"	2	30-12	74	66	62	"	"	10	
11	"	"	1	30-12	74	66	62	"	"	10	
Mid.	"	"	3	30-12	74	65	61	"	"	10	

under the command of A. S. Snow Commander, U. S. Navy,

Friday March 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Sunset to 4 AM.
Overcast. Raining first part. Gentle to light breze from S.S.E. — Distilling

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 AM.
Cloudy first part; clear last part. Gentle S.S.E. breze — Executed morning orders. Cleaned bilges. Signals as per record. Received for use of crew 107½ lbs each Beef and vegetables and 86 lbs Bread. Distilling

W. O. Wyckoff
Ensign U.S.N.

8 AM to Meridian.
Clear and pleasant. Gentle and moderate breeze from South to S.S.E. At 8.45 loosed & sail to a buntline. at 9.00 Gantic made sig. numeral 6 and at ten numeral six. At 12 Gantic made sig. numeral 54. Crew engaged scraping and painting ships side. Distilling. J. Flaherty (Boy) returned on board 2 hours overtime.

D. McKinnon
Ensign U.S.N.

Meridian to 4 PM.
Clear and pleasant. Gentle breeze from S.S.E. to E. At 1 furled sail. The Commanding Officer of the Colon paid official visits to us and to the Gantic. — Distilling. Engaged in scraping and painting ship outside.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 PM.
Clear and pleasant. Light airs and breezes from S.E. to E.S.E. & Sent liberty party ashore. Stopped distilling and hauled fires.

D. McKinnon
Ensign U.S.N.

8 PM to Midnight.
Clear and pleasant. Light airs to gentle breeze from E.S.E.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lemon
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	N.N.E.	3			30-12	71	64	60		bw	none	10	
2				N.N.E.	"	2			30-12	72	62	59			"	10	
3				N. by E.	North	2			30-11	71	61	58			"	10	
4				N by W.	"	2			30-11	71	61	58			"	10	
5				North.	"	2			30-10	70	59	57		bcw	cum	9	
6				"	"	2			30-10	62	58	57		bc	"	9	
7				N by E	"	2			30-08	62	57	56		bcm	cu cum	8	
8				N.E. by E.	"	3			30-08	61	60	58		"	"	8	
9				E.N.E.	"	3			30-07	65	65	62		bc	"	0	
10				E by S.	"	3			30-07	67	67	63		"	"	9	
11				"	N.W.	3			30-05	68	70	64		"	"	0	
Noon.				N.W.	"	2			30-02	69	70	65		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 366 gallons.

Water distilled, during the preceding 24 hours, 681 "

Water remaining on hand fit for use at Noon, 3040 "

Coal consumed during the preceding 24 hours, 1 tons 155 lbs.

Coal remaining on hand at Noon, 89 " 1090 "

P. M.														
1			N.S.W.	S.W.	2	30-00	70	71	66		bc.	cu cum	6	
2			"	"	3	29-97	70	70	66		"	"	8	
3			West.	S.W. by W.	3	29-96	70	70	66		"	"	8	
4			W. by N.	"	3	29-93	70	70	66		"	"	9	
5			S.S.W.	S.S.E.	2	29-93	71	71	67		"	"	9	
6			East.	E.S.E.	2	29-93	71	70	66		"	"	6	
7			S.S.E.	"	2	29-93	74	70	67		"	"	6	
8			"	N.E.	2	29-92	72	70	67		"	cu cum st.	7	
9		6-0	S.W. by W. 1/2 W.	W.N.W.	2	29-90	75	71	67		"	"	8	
10		15-2	"	N.W.	3	29-88	74	70	67		"	"	7	
11		24-8	S.W. by W. 1/4 W.	"	3	29-87	74	69	62		bcl.	"	8	
Mid.		34-1	"	"	3	29-86	74	69	62		"	"	8	

under the command of A. S. Snow, Commander, U. S. Navy,
Saturday March 12th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 AM.
Clear, bright moon and starlight. — Damp. — Light breeze from N.N.E. and North.

Lieut. U.S.N.

4 to 8 AM.
Clear and pleasant. Light and gentle breeze from North. Painting ship. U.S.S. Yantic, got under weigh and stood out of harbor.

Ensign U.S.N.

8 AM. to Meridian.
Clear and pleasant. Gentle to light breeze from North to N.W. Engaged in blacking ship outside. Received in Equipment the following stores — 1 ream Foolscap Paper. — 3 pts Recording Ink. 6 memorandum Books; ½ Gross Gum Bands; — 4 sheets Blotting Paper. — 1 dozen Lead Pencils.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light to gentle breeze from S.W. and S.W. by W. At 3.15 started fires under two boilers took off mooring swivel and made usual preparations for sea. Commanding Officer paid an official visit to Spanish school ship Nautilus.

Lieut. U.S.N.

4 o'clock to 8 PM.
Clear and pleasant. Light breeze from E.S.E. first three hours and N.E., last hour. Made preparations for sea. Unmoored ashore ins to 60 fathoms on port chain. — Supply valve, of the cylinder water valve, blew out at a little after 7., scalding Asst. Engr. Kocater severely but not seriously; — Blew off steam and shut it off and repaired the valve. — At 7.55. called = "all hands up anchor". Received for use of crew 110 lbs., each fresh beef and vegetables and — 8 lbs. bread

Geo. F. W. Holman
Lieut. U.S.N.

8 PM. to Midnight
Clear and pleasant — Bright moon and star light; Light to gentle breeze from N.N.W. and N.W. At 8.05 got underway and stood out of the harbor in charge of Navigator. Draft forward 13'3" amid 14'9", and aft 16'3". At 8.20 set course S.W. × W. ½ W. (true) and put over patent = = log, at 0; at 10 changed course to S.W. × W. ¼ W. (true); patent log 15.2. Lost sight of El Cerro light about 10.45. Average steam 68 lbs; Revolutions 53.

Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES *Steamer Essex*, 3rd Rate,

Making passage from Montevideo, to Ensenada, A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1			42.8	W.S.W. ½ W. W.N.W.	N.N.W.	3			29.85	69	68	66		b	none	10	
2			50.8	N.W.	"	3			29.85	69	70	67		bc	cir str	9	
3			58.6	NW ¼ N.	"	3			29.84	69	70	67		"	cir cumu	4	
4			66.2	NW ¼ N.	"	3			29.85	68	69	66		bcl	"	6	
5			73.2	"	"	4			29.86	70	68	65		bc	"	8	
6			76.1 81.0	W.NW. W.NW. ½ W.	"	4			29.87	69	67	65		"	"	8	
7			89.8	"	N.W.	4			29.87	69	67	65		"	"	8	
8			95.8 96.0 96.8	W by S.	"	3			29.89	69	67	65		"	"	8	
9				W.N.W.	W.S.W.	3			29.92	71	68	65		bc	"	4	
10				"	W.N.W.	2			29.92	72	69	66		"	"	5	
11				"	"	2			29.92	71	70	68		"	"	8	
Noon.				"	"	1			29.91	72	72	69		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 361 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2679 "

Coal consumed during the preceding 24 hours, 9 tons 1710 lbs.

Coal remaining on hand at Noon, 79 " 1620 "

P. M.														
1		N. by E.	N.W.	3	29.90	74	73	70	bc	cir cumu	4			
2		"	"	3	29.90	75	74	71	"	"	7			
3		"	"	3	29.89	76	75	72	"	"	5			
4		"	"	3	29.89	76	75	73	"	"	5			
5		N by E ½ E	SW.	3	29.90	76	75	72	"	"	5			
6		"	"	2	29.90	77	75	72	"	"	4			
7		"	"	1	29.91	79	74	71	bcp.	"	2			
8		"	"	1	29.92	78	72	69	bc	"	4			
9		"	S.S.W.	2	29.94	75	71	69	"	cir cumu	2			
10		"	"	3	29.95	75	70	67	oc	nim	0			
11		"	"	3	29.96	73	69	66	bcl	cir cumb	4			
Mid.		"	"	3	29.97	69	67	66	"		6			

under the command of A. S. Snow Commander, U. S. Navy,

Sunday March 13th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Muster at 4 A.M.

Fair and pleasant, gentle breeze from W.N.W. - changed course at 12.05 to W.S.W. ½ W. at 12.45 to W. Patent Log, 40.2; at 12.55 W.N.W. Patent Log, 41.5 at 2.15 to N.W. by N. Sighted Chico Light at 3.40 Took in Fore and Aft sail, Fl W Rg Mast Head.

Ensign U.S.N.

4 o'clock to 8 A.M.

Clear and pleasant. Gentle breeze from W.N.W. to N.W. - Steaming up the river for Ensenada, under comm of the Navigator. - Changes of course were as follows - 4.55 to N.W. by W. ½ W. patent log 73.2; - 5.20 W.N.W. patent log 76.1; - 5.53 W.S.W. ½ W. patent log 80.5; - 7.15 W. by S. patent log 91.8; - 7.23 W. ¾ S. patent log 93. - At 4.55 set fore and aft sail, except flying jib; At 7.20 took in fore and aft sail; At 7.52 hauled in patent log, reading 96.8; and at 7.57 came to with the port anchor, off entrance to Ensenada, in 4 fathoms of water, - hard muddy bottom, veering 30 fms on the chain. Set the quarantine flag and made our number to the Flagship inside; Ships draft, forward 13' 6"; amidships 14' 11"; - aft 16' 5".

Average steam 70 lbs, revolutions 49.5.

Jas. Forsyth Holman
Lieut. U.S.N.

8 A.M. to Meridian.

Fine pleasant weather. Gentle breeze to light airs from W.S.W. to W.N.W. At 10.20 took pilot on board and spread fires. At 10.40 got under way and stood into Ensenada Docks in charge of pilot.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant, gentle breeze from N.W. Moored ship alongside of the dock in Ensenada.

W. Rg Mason Field.
Ensign U.S.N.

4 to 8 P.M.

Partly cloudy pleasant weather. Light pattering shower between 6 and 7. Light airs to light breeze from S.W. Fires banked.

[illegible]
Lieut U.S.N.

8 P.M. to Midnight.

Partly cloudy. Gentle breeze from S.S.W.

W. Rg Mason Field.
Ensign U.S.N.

Examined and found to be correct.

[illegible]
Navigator.

LOG of the UNITED STATES Steamer Essex. Ensenada M.R. , 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.by E.½ E.	S.S.E.	2			29-91	67	65	65		bel.	cir cum	9	
2				"	"	2			29-97	66	63	63		"	"	9	
3				"	"	2			29-98	64	62	62		haw	"	7	
4				"	"	1			29-91	63	61	60		"	"	7	
5				"	S.E.	2			29-98	61	59	59		"	"	8	
6				"	"	2			29-99	59	58	58		h.c.	"	8	
7				"	"	2			29-99	59	58	58		"	cir.	9	
8				"	"	2			29-99	67	62	61		"	"	9	
9				"	"	2			30-05	65	67	64		"	"	8	
10				"	"	2			30-05	67	71	68		"	"	8	
11				"	"	2			30-05	68	72	70		h.	none	10	
Noon.				"	East.	3			30-06	70	72	69		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 359 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2920 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 79 " 1220 "

P. M.														
1			N.by E.½ E.	E.N.E.	3		30-06	71	72	68		bc.	cir cum	9
2			"	"	3		30-06	71	72	66		"	"	9
3			"	"	3		30-06	71	71	66		"	"	9
4			"	"	3		30-06	71	71	66		"	"	9
5			"	"	2		30-05	70	70	65		"	"	9
6			"	"	2		30-06	68	69	65		"	"	9
7			"	"	1		30-06	70	69	64		"	"	9
8			"	"	1		30-07	70	68	64		"	"	9
9			"	"	1		30-09	69	67	64		"	"	9
10			"	"	1		30-10	71	67	64		h.	none	10
11			"	"	1		30-10	71	67	64		"	"	10
Mid.			"	"	1		30-11	71	66	63		bw.	"	10

under the command of A. S. Snow, Commander, U. S. Navy,
Monday, March 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant, barometer steady - light breeze from S.S.E.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Light airs from S.E. At 8 dressed ship rainbow, Italian colors at the main. Fires banked

Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant, light breze from S.E., Mustered at quarters and exercised at Company drill.

W. Ry Grant Giles.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant, - gentle breze from E.N.E. - barometer steady.

J. T. Newton
Lieut U.S.N.

4 to 8 P.M.
Clear and pleasant, gentle breze to light airs from E.N.E.

W. Ry Grant Giles
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - full moon - barometer steady.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

Le. K. Jarvis
Lieut - Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Ensenada M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E ½ E	N.E.	1			30-11	72	66	64		bw	none	10	
2				"	"	1			30-11	72	66	64		"	"	10	
3				"	N.N.E.	2			30-11	71	65	63		"	"	10	
4				"	North	2			30-11	71	65	63		"	"	10	
5				"	"	1			30-11	70	64	62		"	"	10	
6				"	N.N.E.	1			30-12	68	64	62		bw	"	10	
7				"	"	1			30-12	68	64	62		"	"	10	
8				"	"	1			30-13	68	66	64		"	"	10	
9				"	North	1			30-11	69	69	65		b	"	10	
10				"	"	1			30-12	70	70	66		"	"	10	
11				"	N.N.E.	1			30-12	71	71	65		"	"	10	
Noon.				"	"	1			30-13	72	72	67		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1980 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 79 " 820 "

P. M.												
1	N by E ½ E.	N.N.E.	1	30-11	70	72	67	b.	none	10	
2	"	N.E.	2	30-09	71	72	67	"	"	10	
3	"	"	3	30-07	71	73	67	"	"	10	
4	"	"	3	30-05	71	73	68	"	"	10	
5	"	E.N.E.	3	30-04	72	73	69	"	"	10	
6	"	"	3	30-03	71	72	69	"	"	10	
7	"	"	3	30-03	72	71	68	"	"	10	
8	"	"	3	30-03	73	71	68	"	"	10	
9	"	N.E.	1	30-02	74	71	68	"	"	10	
10	"	"	1	30-01	75	70	68	bw	"	10	
11	"	"	1	30-01	74	69	67	"	"	10	
Mid.	"	"	1	30-01	73	64	67	"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Tuesday March 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quntil 4 A.M.
Clear. Light airs from N.E. to N.N.E.

W.O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant, light airs from N. and N.N.E.

W. Ry Mann Asst.
Engineer U.S.N.

8 A.M. to Meridian.
Bright and pleasant - barometer steady - Light airs from N.E. - At 9.30 - quarters - afterwards company drill.

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs to gentle breeze from N.N.E. to N.E. - At 1 Flag made 3918.

W.O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant barometer steady - Gentle breze from E.N.E. Got up life lines.

J.T. Newton
Ensign U.S.N.

8 P.M. to Midnight.
Clear. Light airs from N.E.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

W.K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, , 3d Rate,
Ensenada, L.C.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E, ½ E.	N by E	3			30-02	73	68	65		fw	none	10	
2				"	"	3			30-00	72	68	64		"	"	10	
3				"	"	2			30-00	72	67	64		"	"	10	
4				"	North.	2			30-00	72	67	64		"	"	10	
5				"	N.N.W.	2			30-00	72	67	65		fc	cum.	9	
6				"	"	2			30-00	71	67	66		"	cir. cum	9	
7				"	"	3			30-00	70	68	66		"	"	8	
8				"	"	3			30-00	71	69	67		"	"	5	
9				"	S.S.W.	2			30-02	71	70	68		"	cir cum nimb.	3	
10				"	"	2			30-01	71	73	69		"	"	3	
11				"	W.S.W.	2			30-00	73	75	70		fc	"	4	
Noon.				"	N.N.E.	2			30-00	74	71	72		"	cir cum str.	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 302 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1678 "

Coal consumed during the preceding 24 hours, tons 780 lbs.

Coal remaining on hand at Noon, 79 " 40 "

P. M.												
1		N by E ½ E.	North.	2	29-98	75	74	72	fc	cir cum str	4	
2		"	"	2	29-96	76	76	72	"	"	4	
3		"	"	2	29-96	76	77	73	"	"	4	
4		"	N.W.	2	29-94	76	76	73	"	"	4	
5		"	"	2	29-92	76	75	71	"	"	2	
6		"	"	2	29-92	75	74	71	"	"	1	
7		"	"	2	29-92	78	74	71	"	"	1	
8		"	"	2	29-91	78	74	71	o. c.	cir str.	0	
9		"	W.N.W.	2	29-90	79	74	71	fc.	cir cum nimb	4	
10		"	South.	1	29-90	73	71	68	oc.	"	0	
11		"	"	1	29-90	72	71	68	"	"	0	
Mid.		"	Calm.	0	29-89	71	69	67	fc.	"	2	

under the command of A. S. Snow, Commander, U. S. Navy,
Wednesday March 16th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.
Clear and pleasant; heavy dew. Light and gentle breeze from N by E. and North.

C. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. barometer steady. — light to gentle breeze from N.N.W. Received in Pay Department, 107½ lbs fresh beef, 107½ lbs fresh vegetables — 80 lbs soft bread.

J. T. Newton
Lieut. U. S. N.

8 A.M. to Meridian.
Cloudy. Light breeze from S.S.W. to N.N.E. At 9.30 mustered at quarters & received 1st Division Artillery, 2d Division Infantry, and Reserve at gatlings — At 9 made routine signal numeral 0; at 10, num, 1 and at 12 numeral 79. At 11.10 Flag-made 2076. At 11.55 Flag 3350, Despatch 3962. and 6370.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Light breeze from North. at 2.14 Manned yards for the president of the Argentine Republic.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Light N.W. breeze. At 4 Argentine President left Chicago — all ships manned yards and saluting ships fired national salute. At 4.15 Argentine man of war in roads fired national salute with U.S. Flag at fore, which was returned by Chicago; Signals as per record

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Calm to light breezes from South and W. S. W.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

G. K. Cranston
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Ensenada. M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E ½ E.	S.S.E.	1			29-89	70	69	66		hc.	cir.cum.	7	
2				"	Calm.	0			29-88	70	67	65		"	"	9	
3				"	"	0			29-88	69	66	64		"	"	8	
4				"	"	0			29-87	70	65	63		"	"	8	
5				"	"	0			29-85	70	66	64		l.cw.	cum.	9	
6				"	NE	1			29-85	67	66	64		"	"	9	
7				"	"	1			29-85	64	65	63		f.cm.	cir cum	7	
8				"	"	1			29-85	68	68	67		"	"	9	
9				"	W.N.W.	1			29-85	72	72	69		"	"	9	
10				"	"	1			29-85	72	74	71		"	"	9	
11				"	NW.	1			29-84	73	74	71		"	"	9	
Noon.				"	"	1			29-84	75	75	71		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1338 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 78 " 1880 "

P. M.														
1		N by E ½ E.	N.N.W.	2	29-82	76	77	72		hc.	cir cum	7	
2		"	"	2	29.80	77	79	73		"	"	7	
3		"	"	2	29.78	77	79	73		"	"	7	
4		"	"	2	29-78	78	79	72		"	"	7	
5		"	"	1	29-76	78	79	73		"	"	6	
6		"	"	1	29-75	77	77	73		"	"	6	
7		"	North.	1	29-75	79	76	72		"	"	6	
8		"	"	1	29-74	79	74	72		hcl.	"	6	
9		"	Calm.	0	29.76	78	75	72		"	"	4	
10		"	"	0	29-76	77	74	72		"	"	4	
11		"	"	0	29-76	77	74	72		"	"	1	
Mid.		"	N.E	1	29-75	77	74	72		"	"	2	

under the command of A. S. Snow, Commander, U. S. Navy,
Thursday, March 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuntel 4 AM.
Clearing. Light breeze from S.E first hour, calm after that.

Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 AM.
Clear. Light airs from N.E, and calm. Signals as per record.

W. O. Stone
Ensign U.S.N.

8 AM to Meridian.
Clear and pleasant. Light airs from W.S.W & N.W. At 9.30 went to general quarters, times as follows; 1st Division - 3 minutes; 2d Division 2 minutes, 50 seconds; - 3rd Division 3 minutes, 10 seconds; — Navigators - 1 minute 50 seconds; Powder — 4 minutes, 30 seconds; — Marine Guard — 40 seconds; - Pay Department - 30 seconds; Surgeons ready, - 1 minute 10 seconds; — Made signal wee numr -0, at 9 and 10; And numeral 79 at 12. Flagship made signal 2076. - Shipped James E. Williams as landsman for cruise of ship. A board of survey met on board to survey articles in Equipment Dept.

W. O. Stone
Ensign U.S.N.

Meridian to 4 PM.
Clear and pleasant. Light breeze from N.N.W. Commenced distilling. At 1 Flagship made signal 2984. Ans'd. Made quarterly inspection of wet gun cotton.

Geo. F. W. Holman
Lieut U.S.N.

4 to 8 P.M.
Fair. Light airs from N.N.W., to North. Flagship made signal 2072. Distilling.

8 P.M. to Midnight.
Clouding over. Calm first part, light airs from N.E. last hour. Distant lightning in the S.W. and N.E. Distilling.

W. O. Stone
Ensign U.S.N.

Geo. F. W. Holman
Lieut U.S.N.

Examined and found to be correct.

Le. K. Jenkins
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex — Ensenada M.R. — 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E 1/2 E.	N.W.	2			29.76	71	73	70		o.c.l	nimb	0	
2				"	S.W.	5			29.80	73	67	65		o.clr.	"	0	
3				"	S.S.W.	3			29.71	72	69	66		o.c.lr.	"	0	
4				"	Calm.	0			29.78	74	69	67		o.c.l.	"	0	
5				"	South.	4			29.78	73	69	67		h.m.	cir. cum. mist	4	
6				"	"	2			29.79	72	69	67		h.c.	"	5	
7				"	W.S.W.	1			29.78	74	65	64		"	cir cum	7	
8				"	South.	2			29.78	69	67	66		"	"	8	
9				"	"	3			29.81	70	70	67		"	"	7	
10				"	S.S.E.	3			29.82	71	71	66		"	"	8	
11				"	"	3			29.83	71	72	67		"	"	6	
Noon.				"	"	3			29.84	71	73	65		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 302 gallons.

Water distilled during the preceding 24 hours, 1924 "

Water remaining on hand fit for use at Noon, 2960 "

Coal consumed during the preceding 24 hours, 1 tons 915 lbs.

Coal remaining on hand at Noon, 77 " 965 "

P. M.																
1				N by E 1/2 E.	S. by E.	2			29.84	73	74	66		h.c.	cir str.	2	
2				"	"	2			29.85	73	75	67		"	"	2	
3				"	"	3			29.85	74	74	67		"	"	4	
4				"	"	3			29.85	74	74	67		"	cir cum	1	
5				"	"	3			29.85	73	74	68		"	cir cum mist	1	
6				"	"	2			29.85	73	72	68		"	"	2	
7				"	"	2			29.86	78	72	67		"	"	1	
8				"	"	2			29.88	76	70	65		"	"	2	
9				"	"	1			29.89	75	69	64		"	"	5	
10				"	"	1			29.91	74	67	63		"	"	6	
11				"	"	2			29.91	72	65	61		"	"	6	
Mid.				"	"	2			29.92	69	63	60		"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,
Friday March 18th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy with rain after 1 o'clock; Lightning to Wd and S'd & Wd. Light breeze from N. to West first hour; at about 1 A.M. wind came out from West and blew fresh until about 3, shifting gradually to S.W. and S.S.W. then dying out. Calm last hour.

Lieut. U.S.N.

4 to 8 A.M.

Cloudy first part. Clearing last part. Light airs and breezes from South and W.S.W. Flagship made uniform signals as per record. Received in Pay Dept, 107½ lbs. fresh beef and vegetables and 86 lbs, head.

Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Gentle breeze from South to S.S.E. — At 9 loosed sail. At 9.30 mustered at quarters and drilled the divisions. At 10.15 went to fire quarters; times as follows, — 1st stream, 40 seconds 2d stream, 1 minute; 3rd stream, 1 min. 20 seconds; 4th stream 1 min. 5 seconds. — At 9. Flagship made signals 5455 and 2067. Ans'd. At 9 we made signal Numeral 0; at 10, Numeral 0; and at 12 Numeral 77. Answered. Distilling. Sent two carpenters aboard the Pennington to work. Sent liberty party ashore

Lieut. U.S.N.

Meridian to 4 P.M.

Cloudy but pleasant. Light to gentle breeze from S by E. At 3.30 furled sail and awnings in obedience to signals — Following signals were made by flagship. 2072, and 4826. Stopped distilling and allowed fires to die out

Lieut. U.S.N.

4 o'clock to 8 P.M.

Cloudy. Gentle to light breeze from S by E. At 5.30 Flagship made uniform signals. Ensign Holme returned from leave.

Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Light airs to light breeze from S by E. Moon rose about 9.

Lieut. U.S.N.

Examined and found to be correct.

Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Ensenada A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E 1/2 E	South	3			29-92	67	61	58		b	none	10	
2				"	"	2			29-92	65	60	57		"	"	10	
3				"	S.S.E.	3			29-92	63	57	56		"	"	10	
4				"	"	3			29-92	62	57	55		"	"	10	
5				"	"	3			29-93	61	57	54		bc.	cum	9	
6				"	"	2			29-95	58	55	53		"	"	9	
7				"	"	3			29-97	57	56	54		"	cir cum	9	
8				"	"	3			29-98	60	60	53		"	"	9	
9				"	S.E.	2			29-99	64	65	62		"	"	8	
10				"	S by E	2			30-00	65	68	63		"	"	4	
11				"	"	2			30-01	66	69	64		"	"	4	
Noon.				"	"	2			30-01	67	69	63		o c	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 302 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2660 "

Coal consumed during the preceding 24 hours, tons 20 15 lbs.

Coal remaining on hand at Noon, 76 " 1190 "

P. M.											
1		N by E 1/2 E.	South	1	30-04	68	69	63	o c.	rain	0
2		"	"	1	30-04	68	69	63	"	"	0
3		"	"	2	30-04	68	70	63	bc.	cir cum	4
4		"	"	2	30-04	68	69	68	"	"	4
5		"	West.	1	30-04	69	70	63	"	cir str.	4
6		"	"	1	30-05	69	70	64	"	"	4
7		"	"	1	30-07	73	70	65	"	"	4
8		"	"	2	30-10	73	69	64	"	"	2
9		"	W.S.W.	1	30-10	72	67	63	o c.	rain	0
10		"	"	1	30-12	72	66	62	bc	cir cum mist	3
11		"	S.S.W.	2	30-13	70	66	62	"	"	3
Mid.		"	"	2	30-15	69	65	61	"	"	6

under the command of A. S. Snow Commander, U. S. Navy,
Saturday March 19th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quntil 4 A.M.
Clear and fine, gentle breze from S. & S.S.E.

W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Light to gentle breze from S. S.E. At 7 Flagship made divse signals.

Geo. F. W. Holman
Lieut. U.S.N.

8 A.M. to Meridian
Partly cloudy first part: cloudy latter part. Light breze from S.E. to S.S.E. Lieut. L. T. Newton U.S.N. returned from leave. The Commanding Officer adjudged the following punishments, viz:— Gibbons T (Sea) 25 minutes overtime, 2 weeks quarantine 2d class. — Haley E. P. (Sea Apprentice 1st Class) — leaving station as signal man without authority — two extra watches —; Tyrell E. J. (O.S.) Upsetting water on men's clothes bags — 1 night watch —; Spear J. H. (Capt. F.C.) ½ hour overtime, — 2 weeks quarantine. — Absentees — without leave; Cloyd E. D. (Sea Appl.), Dwyer James (Sea) Dwyer P. (Boy), Flaherty T. J. (Boy) Simonsen J. J. (Sea);

E. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast, then clearing; Light airs to light breeze from South.

W. Ry Mann Field
Ensign U.S.N.

4 to 8 P.M.
Partly cloudy pleasant weather. Light airs from West. Flagship made following genl signals 2076, 3351 and 3955. Ensign Clinton USN left the ship on 48 hours leave.

E. T. Newton
Lieut U.S.N.

8 P.M. to Midnight.
Partly cloudy. Light airs to light breeze from W.S.W. to S.S.W.

W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex — 3rd Rate,

Ensenada A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E ½ E.	South	1			30-17	68	63	59		bc.	circum	9	
2				"	"	1			30-18	66	61	57		"	none	10	
3				"	Calm	0			30-18	65	58	55		"	"	10	
4				"	S.S.W.	1			30-18	63	57	55		"	"	10	
5				"	South.	2			30-19	58	56	54		"	"	10	
6				"	S.E.	2			30-20	56	54	52		"	"	10	
7				"	"	2			30-21	55	55	53		"	"	10	
8				"	"	2			30-23	57	57	54		"	"	10	
9				"	"	3			30-23	60	61	57		"	"	10	
10				"	S.E.	3			30-24	62	65	59		"	"	10	
11				"	"	3			30-25	64	67	61		"	"	10	
Noon.				"	"	3			30-25	65	69	62		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m.: Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M.: Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 298 gallons.

Water [illegible] during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 23662 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 76 " 700 "

P. M.												
1		N by E ½ E.	S.S.W.	2	30-27	66	72	64	bc.	none	10	
2		"	S.E.	2	30-27	66	72	66	"	"	10	
3		"	N by E.	2	30-26	68	72	68	"	"	10	
4		"	N.E.	2	30-26	68	70	67	"	"	10	
5		"	"	2	30-27	68	69	66	"	"	10	
6		"	"	1	30-27	69	69	66	"	"	10	
7		"	"	1	30-27	70	67	64	"	"	10	
8		"	"	1	30-27	70	65	63	"	"	10	
9		"	"	1	30-26	71	65	63	"	"	10	
10		"	"	1	30-26	72	64	63	"	"	10	
11		"	"	1	30-26	73	64	62	"	"	10	
Mid.		"	N.N.E.	3	30-26	69	64	62	"	"	10	

under the command of A. S. Snow, Commander., U. S. Navy,

Sunday, March 20th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced and until 4 A.M.

Clear and pleasant - barometer steady - Calm and variable light airs.

J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant, Light breeze from South to S.S.E.

Uniform signals 3350-3962 and 3373

F. Irwin
Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine. Light to gentle breeze from S.S.E and S.E. Mustered and inspected at quarters and the Commanding Officer inspected ship and crew - Absent without leave Lloyd E.H. (Appr.) Dwyer James (Lds) Dwyer P. (Boy) Flaherty T.J. (Boy); McKinnon J. (C. and C.); Olsen C. (Capt Top); Placed W.R. Bartlett - (Sea Appr 1st class), under sentry's charge until sober.

W. Reynolds Field.
Ensign U.S.N.

Meridian to 4 P.M.

Bright and pleasant - barometer steady - Wind light and variable. Crowd of native visitors on board.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine. light breeze to light airs from N.E. - Released W.R. Bartlett (Appr.) from sentry's charge. J. McKeown (C. at C.), returned from liberty 9 hours overtime - Enlisted for Cruise H. Nelson as landsman.

W. Reynolds Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant - barometer steady - Light airs to gentle breeze from N.E. and E.S.E. - C. Olsen (Capt Top) returned 1½ hours overtime.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Benson
Lieut: Navigator.

LOG of the UNITED STATES Steamer Essex, Ensenada, L.C. 3d Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.by E.½ E.	E.N.E.	2			30-26	68	63	62		b	none	10	
2				"	"	3			30-26	67	62	61		"	"	10	
3				"	N.E.	4			30-25	67	61	60		"	"	10	
4				"	"	4			30-25	67	61	60		"	"	10	
5				"	"	3-5			30-23	66	61	60		bq	"	10	
6				"	"	3-5			30-24	65	61	60		bcq	cum	9	
7				"	"	3-5			30-25	64	61	59		"	"	9	
8				"	"	3-5			30-25	64	62	61		bq	none	10	
9				"	N.N.E.	3			30-25	65	64	61		b	"	10	
10				"	"	2			30-25	67	66	62		"	"	10	
11				"	"	2			30-24	67	67	62		bc	"	9	
Noon.				"	"	2			30-24	68	69	63		"	"	9	
P. M.																	
1				N.by E.½ E.	E.N.E.	2			30-20	70	71	66		b	none	10	
2				"	N.E.	2			30-17	70	72	67		"	"	10	
3				"	E.N.E.	2			30-15	70	72	67		"	"	10	
4				"	"	2			30-14	70	71	67		"	"	10	
5				"	"	2			30-12	70	70	67		bc.	circum.	8	
6				"	"	2			30-11	70	69	66		"	"	8	
7				"	"	3			30-11	74	68	65		"	"	5	
8				"	"	2			30-12	74	68	65		"	"	7	
9				"	"	1			30-14	74	68	66		"	"	7	
10				"	"	1			30-14	76	68	66		"	"	5	
11				"	N.E.	2			30-14	76	68	65		"	"	4	
Mid.				"	"	2			30-14	74	68	65		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 311 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 20051 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 76 " 370 "

under the command of A. S. Snow, Commander, U. S. Navy,

Monday March 21st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Light to moderate breeze from E.N.E. to N.E.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant, gentle to stiff breeze from N.E.

W. Roy Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.
Bright and pleasant – barometer steady, gentle to light breeze from N.N.E. At 9.30 quarters. Absentees without leave – Lloyd E.D. (Appl) = Dwyer James (Ld), Dwyer P. (Boy), Flaherty T. (Boy), Nolan J. B. (Private M.C.) := Drill divisions as Infantry.

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze from N.N.E. to E.N.E. At 1.30 Comdr in Chief went to pay an official visit to Argentine Squadron off entrance to harbor.
At 1 Flag made 29 & 4.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Generally clear and pleasant Light and gentle breezes from E.N.E. – P. Dwyer (Boy) returned from liberty 5 hours overtime.

W. H. Reeves
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Light airs to gentle breezes from E. by N. to N.E.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, Ensenada, A.R., 3rd Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E½ E.	N.N.E	4			30-13	73	68	65		o, c.	cumulo.	0	
2				"	"	4			30-13	73	67	65		"	"	0	
3				"	"	2			30-13	73	67	65		"	"	0	
4				"	"	3			30-13	73	67	65		hc.	"	2	
5				"	"	2			30-13	73	67	65		oc	"	0	
6				"	"	3			30-13	70	67	65		hc.	cir. cumulo.	1	
7				"	N.E.	3			30-12	70	67	65		"	"	2	
8				"	"	3			30-13	71	68	66		"	"	2	
9				"	"	2			30-14	71	70	67		"	"	6	
10				"	"	2			30-14	71	71	69		"	"	5	
11				"	"	2			30-14	71	71	69		"	"	5	
Noon.				"	"	2			30-13	71	72	69		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 295 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1756 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 75 " 2230 "

P. M.													
1			N by E½ E.	N.E.	1	30-13	73	73	70	hc.	cir cum	4	
2			"	East	2	30-12	74	76	72	"	"	6	
3			"	"	2	30-12	74	76	73	"	"	8	
4			"	"	3	30-12	74	76	72	"	"	9	
5			"	S.E.	2	30-10	74	74	71	"	"	8	
6			"	"	2	30-11	73	73	70	"	"	8	
7			"	"	2	30-11	76	71	69	"	"	9	
8			"	"	2	30-13	76	70	69	"	"	9	
9			"	"	3	30-14	75	70	69	"	"	7	
10			"	"	3	30-14	75	69	68	"	"	4	
11			"	"	4	30-14	74	69	69	"	cir cum Nimb	4	
Mid.			"	"	4	30-14	74	69	69	hc	"	3	

under the command of A. S. Snow, Commander, , U. S. Navy,
Tuesday, March 22d, , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.
Cloudy. Light to moderate breezes from N. N. E.

D. McStone
Ensign U.S.N.

4 to 8 A.M.
Cloudy - barometer steady - light to gentle breeze from N. & E.

J. T. Hunter
Lieut. U.S.N.

8 A.M. to Meridian.
Fair. Light N.E. breeze. At 9.30 quarters and exercised 1st Division - Instruction - 2d Division and Marines Infantry. Absentees without leave Floyd E. D. (2nd Apprentice 1st class); - Dwyers James (Ldy); - Flaherty, T. J. (Boy); Nolan, J. B. (Private). Routine signals as per record.

W. W. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy first hour - Clearing last three. - Light airs to gentle breezes from N.E., and East. Flagship made signal 2984.

D. McStone
Ensign U.S.N.

4 to 8 P.M.
Clear. Gentle S.E. breeze.

W. W. Hulme
Ensign U.S.N.

8 P.M. to Midnight
Partly cloudy weather, with light passing showers last hour. Gentle to moderate breeze from S.E. - Thos. Flaherty (Boy), and James Dwyer (Sdy), returned on board 108 hours overtime, - and J. B. Nolan, (Private), returned 36 hours overtime.

J. T. Hunter
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Ensenada A.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E ½ E.	E.S.E.	3-4			30-14	74	69	68		o c g	nim.	0	
2				"	"	3-4			30-14	74	69	69		"	"	0	
3				"	"	3-4			30-14	73	69	68		"	"	0	
4				"	"	3-4			30-14	73	69	68		"	"	0	
5				"	"	2			30-14	73	69	68		o c b.	"	0	
6				"	"	2			30-15	73	69	69		o c m.	"	0	
7				"	"	2			30-17	70	69	69		"	"	0	
8				"	"	2			30-19	69	69	69		o c r m.	"	0	
9				"	"	2			30-18	70	70	69		o c d	"	0	
10				"	East.	3			30-19	70	70	69		"	"	0	
11				"	"	3			30-19	71	70	70		o c.	cum. nim.	0	
Noon.				"	"	3-6			30-19	71	70	70		o c g p.	"	0	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 315 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1441 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 75 " 1830 "

P. M.										
1	N by E ½ E.	East.	5	30-19	71	70	69	h c.	cirrus nim.	3
2	"	"	5	30-19	71	72	70	"	"	3
3	"	"	5	30-19	71	71	69	"	"	2
4	"	"	5	30-19	71	71	69	"	"	4
5	"	"	5	30-19	71	71	69	"	"	4
6	"	"	4	30-19	72	70	69	"	"	2
7	"	"	5	30-20	74	69	68	"	"	3
8	"	"	5	30-22	74	70	68	c c d.	nimbus	0
9	"	"	3-6	30-24	75	69	68	c q c l.	"	0
10	"	"	3-6	30-25	74	69	68	"	"	0
11	"	"	3-6	30-25	74	68	67	"	"	0
Mid.	"	"	3-6	30-25	73	68	67	"	"	0

under the command of A. L. Snow, Commander, U. S. Navy,

Wednesday, March 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Overcast. Gentle breeze with moderate squalls from E.S.E.

Geo. W. Colburn
Lieut. U.S.N.

4 to 8 A.M.

Overcast, rainy, misty. Light E.S.E breeze. Signals as per record.

W. O. Hulme
Ensign U.S.N.

8 A.M. to Meridian.

Cloudy with light drizzling rain. Light to fresh breezes from E.S.E, and East. At 9.30 mustered at quarters, and at 9.35 went to fire quarters, - times as follows, - first stream, 50 seconds; second stream - 1 minute; - third stream 1 minute, 10 seconds. Absent, without leave Lloyd Ed. (L. Apprentice 1st class); - The Commanding Officer awarded the following punishments, viz: Callan J.A. (1st class Apprentice), Drunk from liberty, 4th class 3 months & $2.50 M. Money; and Clothes in lucky bag, 4 hours extra duty. Simonson J. (Sea) Brought on board from police station, 9 hours overtime, 2d class, 1 month. - Bartlett W.R. (Sea Apprentice 1st class), returning from liberty drunk, 4th class, 3 months, $2.50 M. Money; - Robinson C. (Qr. Gr.), Abusive language to Ships Corporal - confined 5 days, single irons; - Olsen C. (Capt Top), tight from liberty. - 11½ hours overtime, 2d class 1 month; - McKeown J. (Cox.), 7 hours overtime - 2d class 1 month; - Wilson F. (Sea) 1½ hours overtime, 19 days 2d class. - Dwyer Patrick (Boy) 57 hours overtime, 4th class 3 months & $2.50 Monthly Money & 57 hours extra duty; - Flaherty E.J. (Boy) 108 hours overtime, 4th class 3 months & $2.50 M. Money & 108 hours extra duty; - Dwyer James (Lds.), Drunk & 108 hours overtime, 4th class 3 months & $2.50 M. Money & 108 hours extra duty; - Nolan J.B. (Private M.C.), 36 hours overtime, 4th class, 2 months & $2.50 M. Money & 36 hours extra duty. Quit. H. Sea Apprentice 1st class. Out of uniform 2 night watches. Made signal numeral 1, at 9.00; and numeral 0 at 10.00; - numeral 76 at 12.

O. Nelson
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy. Stiff breeze from East. At 2.15 half-masted the colors for about twenty minutes on occasion of the funeral of an enlisted man on the Bennington. following the motions of the Flagship.

Geo. W. Colburn
Lieut. U.S.N.

4 to 8 P.M.

Cloudy. Moderate to stiff breeze from the East.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.

Overcast with rain and distant lightning. Gentle breeze from East, with frequent fresh squalls.

Geo. W. Colburn
Lieut U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Ensenada, B. C.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NbyE½E.	East.	5-6			30-24	71	68	67		o.c.g.l.d	nimbus	0	
2				"	"	5-6			30-24	71	68	67		o.c.g.d.	"	0	
3				"	"	5-6			30-20	71	68	67		o.c.g.	"	0	
4				"	"	5-6			30-20	70	68	67		"	"	0	
5				"	"	3-5			30-23	70	68	67		"	"	0	
6				"	"	3-5			30-23	71	68	67		"	"	0	
7				"	"	3-5			30-25	69	68	67		"	"	0	
8				"	"	3-5			30-27	69	68	67		"	"	0	
9				"	ENE.	3-5			30-27	69	68	67		"	"	0	
10				"	"	3-5			30-26	69	69	68		"	"	0	
11				"	"	3-5			30-26	69	69	68		"	"	0	
Noon.				"	"	3-5			30-25	70	70	68		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 320 gallons.

Water ~~~ during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1121 "

Coal consumed during the preceding 24 hours, tons 070 lbs.

Coal remaining on hand at Noon, 75 " 860 "

P. M.												
1		NbyE½E.	East.	3	30-23	70	70	68	o.c.g.	cum/cumu		0
2		"	"	3	30-22	70	70	68	"	"		0
3		"	"	3	30-19	70	69	69	"	"		0
4		"	"	3	30-17	70	68	67	o.c.d.	"		0
5		"	"	4	30-17	70	69	68	"	"		0
6		"	"	3	30-18	74	69	68	o.cr.	"		0
7		"	"	3-4	30-18	74	69	68	o.c.g.r.	nimbus		0
8		"	"	5	30-18	74	68	68	"	"		0
9		"	"	5-6	30-19	74	68	67	"	"		0
10		"	"	4-6	30-20	73	68	67	"	"		0
11		"	"	3-5	30-19	73	67	65	"	"		0
Mid.		"	"	3-5	30-19	72	67	66	"	"		0

under the command of A. S. Snow Commander, U. S. Navy,
Thursday, March 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Weather overcast and cloudy, with drizzling rain first two hours. Fresh breeze from East. - Very frequent moderate squalls.

W. Harrison
Lieut. U.S.N.

4 to 8 A.M.

Overcast and cloudy, Stiff breeze from East.

W. Roy Mason Jr.
Ensign U.S.N.

8 A.M. to Meridian.

Overcast. Gentle breeze with stiff squalls from East to E.N.E. At 9.30 went to general quarters, times as follows, viz; 1st Division ready, 2 minutes; = 2d. Division, 2 minutes 30 seconds; = 3d. Division; 2 minutes; = Navigator's, 1 minute 55 seconds; = Powder 3 minutes - 10 seconds; = Engineers' 1 minute; = Marine Guard, 1 minute 8 seconds; = Pay Department, 1 minute, 5 seconds; = Surgeons' 1 minute 20 seconds; - Absent. E.L. Cloyd (S. Apprentice 1st class). Tested magazine and shell room flood cocks. - A. Rozen. (S. Apprentice 2d class), reported term of Enlistment expired. J. Gesser. (Steerage Steward), returned aboard 1/2 hour over time, and F.A. Kelsey. (S. Apprentice 1st class), 1/2 hours overtime. At 11. Flagship made general signal 2984, Ans'd. Made absentee report at 9, sick report at 10, and coal report at Noon. Ans'd. Commenced distilling.

Geo. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Overcast and cloudy, with frequent passing showers. Gentle breeze from East. Distilling.

W. Harrison
Lieut. U.S.N.

4 o'clock to 8 P.M.

Overcast. Light rain first part - heavy rain latter part. Gentle to moderate breeze from East, squally last hour. Distilling.

Geo. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Overcast and raining. Gentle breeze from East with moderate squalls. Distilling.

W. Harrison
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Ensenada M.R.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by E 1/2 E.	East.	4-6			30-17	70	67	66		o.c.g.v.	min.	0	
2				"	"	4-6			30-15	70	67	66		"	"	0	
3				"	"	4-6			30-14	70	66	66		"	"	0	
4				"	E.N.E.	4-6			30-14	70	66	66		"	"	0	
5				"	"	3-5			30-11	70	67	66		"	"	0	
6				"	"	4-6			30-06	69	67	66		"	"	0	
7				"	"	4-6			30-03	67	67	66		o.c.g.d.	"	0	
8				"	"	4-6			30-03	68	68	67		o.c.g.m.	"	0	
9				"	"	4			30-03	69	69	68		o.c.	"	0	
10				"	"	4			30-03	70	69	69		o.c.d.	"	0	
11				"	N.E.	4			30-02	70	70	69		o.c.	"	0	
Noon.				"	"	4			30-02	72	70	70		o.c.d.	"	0	

Course and distance made good since preceding noon by observations, knots, tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 300 gallons.

Water distilled during the preceding 24 hours, 2320 "

Water remaining on hand fit for use at Noon, 3040 "

Coal consumed during the preceding 24 hours, / tons 440 lbs.

Coal remaining on hand at Noon, 74 " 420 "

P. M.												
1		N by E 1/2 E.	N. E.	3	30-00	71	70	70	o.c.	nimbus		0
2		"	"	2	29-98	71	71	70	o.c.d.	"		0
3		"	"	1	29-97	71	71	70	o.c.r.	"		0
4		"	"	2	29-95	71	71	71	o.c.	"		0
5		"	"	2	29-94	71	71	71	"	"		0
6		"	"	2	29-95	74	71	71	"	"		0
7		"	"	1	29-93	76	72	71	"	"		0
8		"	"	2	29-93	77	71	70	"	"		0
9		"	"	3	29-94	77	72	71	"	"		0
10		"	"	3	29-94	77	71	70	"	"		0
11		"	"	2	29-94	77	71	71	o.c.	"		0
Mid.		"	N W.	2	29-94	77	71	70	o.c.	"		0

under the command of A. S. Snow, Commander, U. S. Navy,
Friday March 25th, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Q until 4 A.M.
Overcast cloudy and raining. Moderate to stiff breeze from East. blowing in squalls

W. Roy Mason Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Overcast with rain until 7.15. Gentle to moderate breeze with stiff to fresh squalls from E.N.E. At 7. Flag made dress-signals Distilling.

E. Gaugh Lull Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Overcast with frequent passing showers. Moderate breeze from E.N.E to N.E. At 9.30 mustered at quarters. By order of Commanding Officer, Ole Peter Olson (Lo), was rated to Coal Heaver from the 24th inst; Stopped distilling and allowed fires to die out.

[illegible]
Lieut. U.S.N.

Meridian to 4 P.M.
Overcast and raining. gentle breeze to light airs from N.E.

W. Roy Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Overcast first three hours, clearing last hour - Light breeze to light airs from N.E.

[illegible]
Lieut. U.S.N.

8 P.M. to Midnight.
Overcast and raining, gentle to light breeze from N.E, hauling to N.W.

W. Roy Mason Field
Ensign U.S.N.

Examined and found to be correct.

Le. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,
Ensenada B.C.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E 1/2 E.	Calm.	0			29.94	76	71	70		hc	nimb	2	
2				"	West.	1			29.93	74	70	69		"	"	4	
3				"	"	1			29.93	74	69	69		"	"	2	
4				"	"	1			29.93	74	69	68		"	"	4	
5				"	W.S.W.	2			29.93	73	68	66		"	cum.	0	
6				"	"	2			29.95	70	67	65		c.c.mp.	nim.	0	
7				"	"	2			29.96	66	65	64		"	"	0	
8				"	"	2			29.96	66	64	64		"	"	0	
9				"	"	1			29.99	66	65	64		"	"	0	
10				"	N.W.	2			30.00	66	65	64		hc	cumstr	4	
11				"	"	2			30.00	68	67	65		"	"	4	
Noon.				"	"	2			30.00	69	68	66		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 330 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2811 "

Coal consumed during the preceding 24 hours, 1 tons 820 lbs.

Coal remaining on hand at Noon, 72 " 1845 "

P. M.																
1			N by E 1/2 E	N.N.W.	2	29.99	70	69	68		hc	cir cum	8			
2			"	"	3	29.99	71	71	68		"	"	6			
3			N by E	"	2	29.99	71	71	68		"	"	8			
4			E N 1/2 E	"	2	29.99	71	69	68		"	"	9			
4.30		6 1/4	E N E 1/2 E	"												
5		10.5	"	"	2	29.99	71	69	68		"	"	9			
5.20		16.0	S E by E 3/4 E													
5.50		18.4														
6		20.0	"	S.W.	2	29.99	72	70	68		"	"	9			
6.47		27.	S E 1/2 S.													
7		29.	"	"	2	30.00	74	71	68		h.c.	"	9			
8				"	2	30.00	74	69	68		"	"	8			
8.50		37.5	S E by E													
9		44.6		S.E.	1	30.01	74	69	68		"	"	9			
9.23		46.2	"													
10		49.	E by S E	"	1	30.01	74	69	68		"	"	9			
10.20		54.8														
10.38		59	N E by E													
11		61.8	N E by E 1/2 E	N E	1	30.01	74	68	67		"	"	5			
Mid.		66.2	"	"	2	30.01	72	69	68		"	"	6			

under the command of A. S. Snow, Commander, U. S. Navy,
Saturday, March 26th, 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quntil 4 P.M.
Alternating cloudy and clear. Barometer steady. Light airs from W.S.W.

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear first hour, cloudy and misty last three hours. Light breeze from W.S.W. Flagship made time and uniform signals, 3355, 3955, 6375.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Meridian.
Overcast, then clearing, light breeze from N.W. Made signal to Flagship Interrogatory 2253, and bent topgallant sails. - The Commanding Officer adjudged the following punishments viz; P. Dougherty (Private), Sitting down on post, confined 5 days, bread and water. F. H. Kelsey (Apprentice 1st class), 14 hours overtime 2 weeks 2d class; - E. D. Lloyd (Apprentice 1st class), 13 hours overtime, 4th class, 3 months, $2.50 Monthly Money 3/4 13 hours extra duty; - Lazarus M. (Cde.) Taking officers property from room, using it, and losing it, - 5 mid. watches; - Smith F. (Capt Top), Drunk from liberty, 4th class 2 months, $2.50 M. Money. Condemned in Pay Department 3 lbs. butter, 4 lbs corned beef and 8 lbs sausage meat. Made routine signals. Started fires under three boilers at 11.00. Distilling. Confined P. Dougherty (Private) for five days on bread and water.

W. Ray Mason Field
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - barometer steady - light to gentle breeze from N.N.W. At 2.45 cast off and stood out of dock, Commanding Officer conning.

J. T. Newton
Lieut U.S.N.

4 to 8 P.M.
Clear and fine, light breeze from N.N.W, shifting suddenly to S.W. - Ship under conn of Navigator. Made plain sail to topgallant sails, but had to take in square sails. - At 4.30 changed course to E.N.E½E. Patent Log 6¼; - at 5.30 to S.E. by E¾E. Patent Log 16. - At 5.50 passed Chico Lt. Ship, Patent Log, 18.4; At 6.4 Pat. Log 27, changed course S.E½S. - Average steam 70. Average revolutions 53.2.

W. Ray Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant - misty about horizon. Barometer steady. At 8.50 course S.E. by E. patent log 44.6 -, Sndie Light abeam. At 9.23 course E.N.E¾E, patent log 49. - At 10.30 N.E. by E. patent log 59. At 10.35 N.E.½E½E. At close of watch squa[illegible] on starboard quarter.

J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd. Rate,

Making passage from Ensenada, LR., to Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1			70-8.	N.E.b.E. & E.S.E.	N.E.	3			30-01	73	69	68		bcl	cir cum	7	
2			74-8.	"	"	2			30-01	73	69	68		bclw	"	8	
3			79-2.	"	"	2			30-01	73	69	68		"	"	7	
4			83.3	"	"	2			29-99	73	69	68		"	"	4	
5			85.7	"	N.N.E.	2			29-99	72	68	68		bcw	"	8	
6			87.5	Steering for harbor.	North.	3			29-99	68	67	67		bcm.	cir str	8	
7				N.E.b.E.	"	3			29 99	67	66	66		bcf	cir cum str.	7	
8				East.	"	3			29-99	67	68	67		bcm	"	8	
9				"	W.N.W.	2			29-99	70	70	69		"	"	8	
10				S.E.	West.	2			29-99	71	72	71		bc	"	8	
11				N.W.b.N.	W.S.W.	2			29-99	72	70	70		"	"	8	
Noon.				W.N.W.	"	2			29-99	71	73	70		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 340 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2467 "

Coal consumed during the preceding 24 hours, 5 tons 1265 lbs.

Coal remaining on hand at Noon, 67 " 575 "

P. M.													
1		West.	W.S.W.	3		29-99	70	72	70	bc	cir cum	6	
2		"	"	3		29-98	70	72	70	"	"	8	
3		W.b.N.	"	3		29-98	72	72	70	"	"	9	
4		N.W.	W.b.S.	4		29-98	72	73	70	"	"	8	
5		W.N.W.	W.S.W.	4		29-97	73	74	71	bc	"	8	
6		S.W.	"	4		29-97	73	72	71	"	"	8	
7		S.b.W.	"	4		29-97	78	72	70	bcl.	"	9	
8		S.S.E.	"	4		29-97	78	73	71	"	"	9	
9		S.S.W.	"	3		29-96	78	72	70	"	"	8	
10		S.W.	West.	3		29-98	79	72	70	"	"	8	
11		"	"	3		29.98	79	71	69	"	"	8	
Mid.		West.	W.S.W.	3		29-99	78	70	67	"	"	5	

under the command of A. S. Snow Commander, , U. S. Navy,
Sunday March 2nd , 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Quintile 4 AM.

Clear first part. cloudy second part. Light N.E. airs. At 1235 sighted Cerro Lt. Ht. Log 69.25. At 330 sighted lights of Montevideo. P.L at end of watch 83.3.

M.O. Hulme
Ensign U.S.N.

4 to 8 AM.

Clear the first part of watch. then foggy. Light to gentle breez from N.N.E and N. Steaming into the harbor of Montevideo. under comm of Navigator. Let go sport anchor at 6.15 to let the fog in the inner harbor clear away. Veered to 45 fathoms of chain and banked fires. Found the Squadron of Evolution anchored outside but at 1.30 they shifted farther in. Made signal Qnt. 1211. - The flagship made routine signals. Draft aft 16'-4" Amidships 14'-9" Forward 13'.3".

W. Rx Mason Field.
Ensign U.S.N.

8 AM to Meridian.

Clear & pleasant - barometer steady - light to gentle breze from W.d. At 9.30 quarters - At 10.30 got up anchor and stood into harbor Moored Ship 45 fathoms each chain. Sent anchor to Ed. Bearings from anchorage El Cerro (mag) - N.N.W. by W.½ W. Victoria chimney & W.½ W. Custom House landing E. by E.½ E. - Hauled fires - Clear Inside.

J. T. Newton
Lieut U.S.N.

Meridian to 4 P.M.

Clear. Gentle W.S.W. breze Hauled fires

M.O. Hulme
Ensign U.S.N

4 to 8 P.M.

Clear and pleasant. moderate breze from W.S.W. Barometer steady - Clear Inside.

J. T. Newton
Lieut. U.S.N

8 P.M. to Midnight.

Clear. Gentle breze from W.N.W to W.S.W.

M.O. Hulme
Ensign U.S.N

Examined and found to be correct.

W. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W.S.W.	W by S.	3			30-00	77	70	68		b	none	10	
2				"	"	3			30-00	76	69	67		"	"	10	
3				"	"	4			30-00	76	69	66		"	"	10	
4				"	"	4			30-00	74	68	66		"	"	10	
5				S.W.	W. W.	4			30-00	73	68	66		bc	cir. cum.	9	
6				S.S.W.	"	4			30-01	73	67	66		"	"	5	
7				South.	"	4			30-01	69	67	66		"	"		
8				"	"	4			30-04	68	67	66		"	"		
9				S by E.	S.W.	4			30-05	71	67	66		"	"		
10				S by W.	"	3			30-06	71	68	67		"	"		
11				S W by S.	"	3			30-06	71	67	65		"	"		
Noon.				S.W.	"	3			30-06	71	67	65		"	"		

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 361 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2106 "

Coal consumed during the preceding 24 hours, tons 350 lbs.

Coal remaining on hand at Noon, 66 " 1465 "

P. M.														
1			S.W by W.	S.W.	2		30-06	72	67	65	bc	cir cum.		6
2			"	"	2		30-05	72	67	65	"	"		4
3			S.W.	"	2		30-06	72	68	66	"	"		6
4			"	"	2		30-08	74	68	66	"	"		7
5			"	"	1		30-08	72	68	66	"	"		5
6			W.S.W.	South.	1		30-08	73	68	66	"	"		5
7			S.S.W.	"	1		30-08	74	68	66	"	"		8
8			"	"	1		30-10	76	67	69	"	"		8
9			S.S.E.	"	2		30-11	78	69	67	"	"		9
10			South.	"	2		30-12	78	69	67	"	"		9
11			"	"	2		30-13	78	68	66	"	"		4
Mid.			"	"	2		30-14	78	68	66	"	"		8

under the command of A. S. Snow, Commander, U. S. Navy,

Monday March 28th, 1864.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Daniel A.M. — Clear and pleasant.
Gentle and moderate breezes from W. by S. to S. by E.
(Ld.) Read extra watch by order of Commanding Officer.

O. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Barometer rising. — Moderate breeze from W.S.W. Received in Pay Department, 88 lbs. soft bread 110 lbs fresh beef, 110 vegetables.

J. T. Newlon
Lieut. U.S.N.

8 A.M. to Meridian
Cloudy. Gentle S.W. breeze. Put on mooring swivel. At 9.30 quarters. Exercised 1st Div. Artillery. & 2d Div. Infantry, Reserve Cutlass. Marines, Bayonets. Transported shot — anchor. signals as per routine. Broke out Paymasters store room. Ensign Stone returned boarding visits of Nautilus and Beagle to the Commander in Chief.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Partially cloudy. Light breezes from S.W. — Flagship made signal 2984. Drilled sections at setting up exercises. Sent liberty party ashore.

O. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear. Light airs from S.W. to the South. Signals as per record.

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light breezes from South.

O. M. Stone
Ensign U.S.N.

Examined and found to be correct.

A. K. Lucas
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SW.	SSW	1			30-13	74	68	66		h.c.	cir. cum.	6	
2				WSW.	"	1			30-12	72	67	66		"	"	7	
3				"	"	2			30-11	70	66	65		"	"	7	
4				SW.	"	2			30-11	70	67	65		"	"	6	
5				SSE.	SSE.	3			30-12	71	67	65		"	"	7	
6				SE.bE	SE.	2			30-13	71	67	65		"	"	8	
7				SSE.	NW.	1			30-13	69	67	66		hem	"	8	
8				SbyE	"	1			30-13	69	68	66		"	"	7	
9				"	"	1			30-13	70	68	67		"	"	8	
10				SE.	SW.	1			30-14	70	70	68		"	"	8	
11				"	"	1			30-14	70	70	68		"	"	8	
Noon.				ESE	SSW.	1			30-14	71	71	69		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 3 1/2 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1764 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 66 "1065 "

P. M.														
1		ENE.	SSW.	2		30-13	70	71	65	hc.	cir cum	8		
2		NE.	"	2		30-12	70	72	69	"	"	8		
3		NbE.	SSE.	2		30-12	71	73	70	"	"	8		
4		NEbN.	"	2		30-12	71	73	70	"	"	9		
5		East.	SE.	2		30-12	71	71	69	"	"	9		
6		"	"	2		30-11	72	71	69	"	"	9		
7		EbyS.	"	2		30-11	73	70	68	"	"	9		
8		SEbyS	"	2		30-12	75	70	68	"	"	9		
9		"	NE.	1		30-13	75	70	68	"	"	9		
10		SE.	"	1		30-13	76	70	68	h	none	10		
11		East.	"	3		30-12	73	69	67	"	"	10		
Mid.		NE.	NNE	3		30-12	73	66	65	"	"	10		

under the command of A. S. Snow, Commander, , U. S. Navy,
Tuesday, March 29th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Muntil 4 A.M.
Clear and pleasant. Light airs and breeze from S.S.W.

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Gentle breeze to light airs from S.S.E. to N.W. Uniform signals as per record.

W. O. Bulwe
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs from N.W., S.W., & S.S.W. At 9.30 mustered at quarters and Divisions, were instructed at stations. Vollberg (O.S.) returned on board 1½ hours overtime. Made signal as follows — at 9.00 Numeral 1; at 10.00 numeral 0, and at 12. numeral 66.

D. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze from S.S.W. to S.S.E. The Yantic got underway and stood in to the inner harbor, mooring W by N from us. about ½ cables length. Drilled according to routine. The following signals were made 1.20 Yantic to Flag. Int. 4890. Aned. affirmative. — 2.30 Yantic to Flag. Int. 4557. Aned. affirmative. — 2.40 Flag to Atlanta & Bennington. 2438

Geo. L. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Light breeze from S.E. Received on Equipment Department 153 gals olive oil, & in Conv. & Repr. 105 lbs. shellac & 10 gal turpentine.

D. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs to gentle breeze from N.E. to E.N.E.

Geo. L. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

A. K. Lunt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Steam to Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	North.	2			30-12	73	64	63		Cir	none	10	
2				North.	"	2			30-12	72	64	63		"	"	10	
3				"	"	2			30-12	72	64	63		"	"	10	
4				"	"	2			30-11	71	63	62		"	"	10	
5				N.W.	"	3			30-11	70	62	61		"	"	10	
6				N.N.W.	"	3			30-10	69	61	61		Com	cum	8	
7				N.by W.	"	2			30-09	67	61	61		"	cir cum	8	
8				S.S.W.	"	3			30-09	69	63	62		"	"	8	
9				S.S.E.	"	2			30-10	68	67	64		"	"	8	
10				S.E.	N.W.	1			30-10	69	69	67		"	"	7	
11				E.by S.	South	2			30-10	69	69	67		"	"	6	
Noon.				N.E.	"	1			30-10	71	70	68		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1700 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 103 169 " 665 "

P. M.												
1		N.E.	South	3	30-08	71	72	70	Cir	cir cum		1
2		N.E.by E.	"	2	30-06	70	71	69	"	"		2
3		"	S.S.E.	2	30-03	70	70	69	"	"		4
4		N.E.	"	3	30-03	70	70	68	"	"		4
5		N.by E.	"	3	30-04	70	70	68	"	"		4
6		North.	"	3	30-03	71	70	68	"	"		4
7		N.W.	S.E.	3	30-03	73	71	69	"	"		4
8		S.by E.	"	3	30-06	75	71	69	"	"		7
9		S.E.	"	2	30-09	75	69	68	"	"		6
10		"	"	2	30-10	75	69	68	"	"		8
11		"	E.S.E.	2	30-10	75	69	68	"	"		7
Mid.		"	"	2	30-10	75	68	67	"	"		9

under the command of W. L. Snow Commander, U. S. Navy,
Wednesday March 30th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Meridian to 4 PM.
Clear and pleasant. Light breeze from North.

F. Harriman
Lieut. U. S. N.

4 to 8 PM.
Clear and pleasant. Light and gentle breezes from North. Began coal at 6.30. At end of watch had received on board about 55 tons. Received in Pay Department 110 lbs fresh beef and vegetables and 88 lbs soft bread. Flagship made divers signals as per record.

Ensign U. S. N.

8 PM to Meridian
Clear and pleasant Light airs and breezes from North to N.W. and South latter part. Coaling ship, finishing at 11.30 receiving aboard 163 tons. Ships draft, before coaling; 13'-2" forward; 14'9", amidships; 16'-5" aft; — after coaling - 13'8" forward; 15'-2" amidships; 16'8" aft. — Cannon C.M. (Sea Apprentice 1st class) reported term of enlistment expired. At 9. made absentee report, sick report at 10. and coal report at noon. At 11.30 made signal 30 16. Tel. 7894 - Tel. 9426. Numeral 163.

Gauge Lieut. U. S. N.

Meridian to 4 PM.
Generally cloudy but pleasant. Light to gentle breezes from South and S.E.; cleaned up the ship.

F. Harriman
Lieut. U. S. N.

4 o'clock to 8 P.M.
Fair. Gentle breez from S.E. to S.S. At 5.30 Flag made divers signal.

Gauge Lieut. U. S. N.

8 P.M. to Midnight
Clear and pleasant. Light breez from S.E. to E.S.E.

F. Harriman
Lieut. U. S. N.

Examined and found to be correct.

W. K. Harris
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex — 3d Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	E.S.E.	3			30-10	72	69	68		bc.	cirrus	8	
2				E.N.E.	"	2			31-10	71	68	67		"	"	8	
3				N.N.W.	S.E.	2			31-10	72	69	67		"	"	8	
4				"	"	3			31-10	72	69	67		"	"	2	
5				S.E. by E	"	4			30-10	73	67	65		bc.	cum nimi	5	
6				E.S.E.	"	3			30-10	70	67	65		"	"	7	
7				S.S.E.	"	3			30-14	69	67	65		"	cirrum	4	
8				"	"	3			30-13	69	66	64		"	"	7	
9				S.E. by S	"	3			30-14	71	67	65		"	"	4	
10				S.S.E.	S.S.E.	3			30-15	71	67	65		"	"	4	
11				S.E. by S.	"	3			30-16	71	67	65		"	"	6	
Noon.				"	S.E.	3			30-16	71	67	65		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1028 "

Coal consumed during the preceding 24 hours, tons 2015 lbs.

Coal remaining on hand at Noon, 168 " 890 "

P. M.														
1		E.S.E.	S.E.	2		30-16	69	67	65	bc.	cir cum	5		
2		"	"	2		30-16	69	67	65	"	"	5		
3		S.E. by E.	"	2		30-16	69	67	65	"	"	6		
4		"	"	2		30-15	70	66	64	"	"	6		
5		E by S.	S.S.E	3		30-16	70	66	63	bc	none	10		
6		"	"	3		30-16	68	66	63	"	"	10		
7		S.E.	"	3		30-17	73	65	63	"	"	10		
8		S.S.E.	S.E.	3		30-19	75	65	62	"	"	10		
9		"	S.S.E.	3		30-19	76	64	62	"	"	10		
10		"	"	3		30-20	76	64	61	"	"	10		
11		"	"	3		30-21	73	67	61	bc	Cir cum	9		
Mid.		"	"	3		30-22	72	65	61	"	"	9		

under the command of P. S. Snow Commander, U. S. Navy,
Thursday March 31st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.
Clear and fine; light to gentle breeze from E by S and S.E.
W. Ry Mann Field
Ensign U.S.N.

4 o'clock to 8 P.M.
Generally fair. Gentle breeze from S.E. At 7. Flag made uniform signals. Atlanta and Gantic began coaling ship.
Geo. Lee Holman
Lieut. U.S.N.

8 PM to Meridian.
Fair and pleasant weather. Gentle breeze from S.E. and S.S.E. — At 9.30 went to general quarters, 1st div. ready in 1 minute 30 seconds, 2d division in 1 minute 50 seconds; 3rd in 1 minute, 10 seconds; Navigators, 2 minutes, Powder in 2 minutes 20 seconds; — Engineers 1 minute, 20 seconds. Pay Dept. 50 seconds Surgeons 1 minute 00 seconds. and — Marine Guard 1 minute 10 seconds. —
Private C. Dougherty (U.S.M.C.) was released from confinement and restored to duty by order of Commanding Officer. At 10.30 made Int 5 4 5 5, Chicago, and d. affirmative. Loosed sail — Started fires for distilling.

Meridian to 4 P.M.
W. T. Rivers
Lieut. U.S.N.
Fair and pleasant. Light breeze from S.E. Made Int. 4826, furled sail. — Distilling.

4 to 8 P.M.
W. Ry Mann Field
Ensign U.S.N.
Clear and pleasant. Gentle breeze from S.S.E. — Distilling —

8 P.M. to Midnight.
W. T. Rivers
Lieut. U.S.N.
Clear and cool; gentle breeze from S.S.E.
W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

L. V. Lansdale
Lieut. - Navigator.

LOG of the UNITED STATES — Steamer Essex, Montevideo, Uruguay, , 3d Rate,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SSE.	SSE	3			30-23	70	63	61		bc	cir cum	9	
2				"	"	3			30-23	70	63	61		"	"	9	
3				South.	"	3			30-23	69	63	61		"	"	9	
4				S by W.	"	3			30-23	68	63	61		"	"	9	
5				South.	"	4			30-23	69	63	61		b	none	10	
6				SbE	"	4			30-23	68	63	61		"	"	10	
7				SSE.	"	4			30-24	67	64	61		bc	cir	9	
8				"	"	4			30-25	67	64	61		"	"	9	
9				"	SE.	3			30-26	68	65	62		b	none	10	
10				"	"	3			30-28	69	66	63		"	"	10	
11				SE	"	3			30-28	70	67	64		"	"	10	
Noon.				"	"	3			30-28	70	68	65		"	"	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "
Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 376 gallons.

Water distilled during the preceding 24 hours, 1840 "

Water remaining on hand fit for use at Noon, 2592 "

Coal consumed during the preceding 24 hours, 1 tons 1195 lbs.

Coal remaining on hand at Noon, 166 " 1935 "

P. M.													
1		SEbyE	SEbyS	3	30-27	70	67	65		bc	cir cum	8	
2		"	SE	3	30-26	70	67	65		"	"	8	
3		ESE	"	3	30-26	70	67	66		"	"	7	
4		"	"	3	30-26	70	67	66		"	"	7	
5		"	"	2	30-27	69	67	65		"	"	7	
6		NNE	"	2	30-27	69	67	65		"	"	7	
7		"	"	1	30-27	72	67	66		"	"	7	
8		"	"	1	30-28	73	67	66		"	"	8	
9		"	"	1	30-29	73	67	66		"	"	9	
10		SSE.	North	1	30-29	73	68	67		bc	none	10	
11		"	"	1	30-29	73	67	66		"	"	10	
Mid.		"	"	1	30-29	72	66	65		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,
Friday, April 1st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ until 4 AM.
Clear and pleasant - barometer steady - gentle breeze from S S E

J T Newton
Lieut. U.S.N.

4 to 8 AM.
Clear and pleasant weather. Moderate breeze from S.S.E. Flagship made time and uniform signals 3357. 3955, 6375. Distilling - Received 110 lbs fresh beef, 110 lbs vegetables + 48 lbs soft bread for issue to crew.

Friden
Lieut. U.S.N.

8 AM to Meridian.
Clear and pleasant. Gentle breeze from S.E. Mustered at quarters and exercised the companies, - afterwards exercised at fire quarters 1 stream 45 seconds; 2d stream 1 minute; 3rd stream 1 minute; 4th stream 1 minute 40 seconds; Made routine signals. The Commanding Officer adjudged the following punishments - viz; Mahoney J. (Ch.) - Hansen H (Sea) and Wilson, Frank. (Sea) Dirty box in Lucky Bag. 1 night watch each. = Quigley Jn (Private M.C.) Sitting down when all hands were called, & Slow in obeying orders, & Arguing the question. - 4th class 3 months and 2 cts Monthly Money. = Brown Wm. (W.R. Steward), Having hammock in Lucky Bag. 1 night watch. = Falvey Jm (Sea) 50 min. overtime, 2 weeks 2d class. Vollberg A. (Sea) 1 1/4 hours overtime, - 2 weeks. 2d class. = Anderson Jos. (Ch. Gun Mate). Disobedience of orders - 2 weeks quarantine. = Pulaski A, (Sea), Delaying the Gig, after being told to go in boat. - 3 night watches.

W. Roy Mason Field.
Ensign. U.S.N.

Meridian to 4 PM.
Bright and pleasant - barometer steady - gentle breeze from S.E. by S. and S.E. - Drilled the divisions as infantry - Scraped spars - 5 P.M. gunboat "Magpie" came in.

J T Newton
Lieut. U.S.N.

4 to 8 PM.
Clear and pleasant, light breeze to light airs from S.E.

W. Roy Mason Field
Ensign. U.S.N.

8 PM. to Midnight.
Clear and pleasant - barometer steady - light airs from S.E.

J T Newton
Lieut. U.S.N.

Examined and found to be correct.

M. K. Smith
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E by S.	North	1			30-28	70	65	64		bw.	none	10	
2				NE.	"	1			30-28	68	64	63		"	"	10	
3				NE by E	"	1			30-28	69	62	62		"	"	10	
4				South	NW.	2			30-27	67	61	60		"	"	10	
5				N by W.	"	2			30-28	67	59	59		bw.	cum	9	
6				"	NNW.	2			30-28	64	59	59		bcm	"	8	
7				NNW.	SSE.	2			30-29	64	60	60		"	Cir cum	8	
8				"	"	2			30-30	66	62	62		"	"	8	
9				SSW.	SSW.	2			30-31	67	65	64		bc.	"	7	
10				South	"	2			30-32	69	66	64		"	"	8	
11				SSE.	"	2			30-32	68	67	65		"	"	8	
Noon.					South	2			30-32	69	67	64		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water distilled during the preceding 24 hours, 1104 "

Water remaining on hand fit for use at Noon, 2960 "

Coal consumed during the preceding 24 hours, tons 15 ~~00~~ lbs.

Coal remaining on hand at Noon, 166 " 435 "

P. M.												
1	SE.	South.	3	30-31	69	67	65	bc.	cir cum	6		
2	"	SSE.	3	30-31	69	68	65	"	"	6		
3	ESE	"	3	30-31	70	68	64	"	"	8		
4	SE by E	SE by S.	3	30-31	70	67	63	"	"	9		
5	East.	"	3	30-30	69	66	63	"	"	9		
6	E by S.	SE.	3	30-31	71	65	63	"	"	7		
7	ESE.	ESE.	3	30-30	72	65	62	"	"	6		
8	NE by E	"	3	30-30	74	66	64	"	"	6		
9	East.	"	2	30-33	75	66	64	"	"	7		
10	"	"	2	30-35	75	66	63	"	"	9		
11	SE.	"	2	30-35	74	65	62	"	"	9		
Mid.	"	"	2	30-35	73	65	62	"	"	9		

under the command of L. Snow, Commander, U. S. Navy,

Saturday, April 2d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ Quintil 4 A.M.
Clear. Light airs from the North.

W.O. Hulme
Ensign U.S.N.

4 to 8 AM.
Clear and fine, light breeze from N.W. and N.N.W. hauling to S.S.E. Executed morning orders.

W. Ry Mason Jr.
Ensign U.S.N.

8 AM to Meridian
Clear and pleasant - barometer rising - light breeze from S.S.W. Inspected bags.

N. J. Newton
Lieut U.S.N.

Meridian to 4 P.M.
Clear. Gentle breeze from the South to S.S.E. Served out Monthly money.

W.O. Hulme
Ensign U.S.N.

4 to 8 PM
Clear and pleasant. barometer steady - gentle breeze from S.S. & E.S. - A Uruguayan gunboat left port.

N. J. Newton
Lieut U.S.N.

8 P.M. to Midnight
Clear. Light S.S.E breeze.

W.O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Jones
Lieut. Navigator.

LOG of the UNITED STATES "Steamer Essex", 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	2			30-35	71	65	62		fc.	cir cum	9	
2				"	East.	1			30-34	71	65	63		"	"	9	
3				E.N.E.	"	3			30-33	72	65	63		"	"	4	
4				"	"	3			30-33	70	66	64		"	"	5	
5				N.E by N.	"	3			30-32	70	65	63		fc	"	5	
6				N.E.	"	3			30-32	67	65	63		fair.	"	4	
7				N.N.W.	E.N.E.	3			30-32	67	65	63		"	"	6	
8				"	"	2			30-33	66	65	63		"	"	4	
9				N.E by E.	E.S.E.	3			30-35	68	67	64		fc	cir cum	5	
10				N.E by E	"	3			30-35	68	68	64		"	"	8	
11				N.E by N.	S.E.	3			30-36	69	67	64		"	"	8	
Noon.				"	"	3			30-36	68	68	65		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2595 "

Coal consumed during the preceding 24 hours, tons 1400 lbs.

Coal remaining on hand at Noon, 165 " 1275 "

P. M.											
1	S.E by S.	S.E.	1	30-34	69	68	64	fc	cir cum	8	
2	"	"	1	30-33	70	68	63	"	"	6	
3	S.E.	"	1	30-32	70	68	63	"	"	8	
4	East.	"	2	30-31	70	67	63	"	"	6	
5	"	East	1	30-29	70	67	63	"	"	6	
6	E.N.E.	"	1	30-29	71	67	64	"	"	8	
7	N.N.E.	E.S.E.	1	30-29	73	66	63	fc	none	10	
8	"	East.	1	30-29	74	67	64	"	"	10	
9	N by E.	"	2	30-30	72	66	64	"	"	10	
10	"	"	2	30-30	74	66	64	"	"	10	
11	"	N.E.	2	30-29	74	65	64	"	"	9	
Mid.	S.E. by E.	"	2	30-28	72	63	72	"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,
Sunday April 3rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mdt until 4 AM.
Clear first part, fair latter part. Light airs to gentle breeze from S.E. to East.

Geo. L. Holman
Lieut. U.S.N.

4 to 8 am
Cloudy and pleasant - barometer steady. Gentle to light breeze from Ed., - The Argentine beg Argentina left port.

J. J. Meadow
Lieut. U.S.N.

8 AM to Meridian.
Clear. Gentle breeze from E.S.E. to S.E. At 9.30 mustered at quarters and at 9.38 general full dress muster, Read Articles of War. Routine signals as per record.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 PM.
Clear and pleasant, Light airs from S.E.

Geo. L. Holman
Lieut. U.S.N.

4 to 8 PM.
Clear, Light airs from the East to E.S.E.

W. O. Hulme
Ensign U.S.N.

8 PM to Midnight.
Light breeze to light airs from East to N.E. At 8.45 Flag made message "all" Very's signals, followed by no other signals.

Geo. L. Holman
Lieut. U.S.N.

Examined and found to be correct.

W. K. Lawton
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex 6 Guns, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	E.N.E.	1			30-28	70	63	61		bcw	cir cum	9	
2				"	"	1			30-27	70	62	60		"	"	9	
3				"	N.E.	1			30-25	69	62	60		"	"	9	
4				N.N.E.	"	1			30-24	69	60	59		"	"	9	
5				N. by E.	N.N.E.	2			30-24	68	59	58		"	"	9	
6				North.	"	2			30-23	65	59	58		bc	cum	9	
7				N. by W.	"	2			30-23	64	59	58		bcm	"	9	
8				"	"	2			30-23	66	60	59		"	"	9	
9				N.N.W.	"	2			30-24	75	63	61		f	none	10	
10				"	North.	1			30-24	75	67	63		bc	cir cum	8	
11				"	"	1			30-24	75	69	65		"	"	6	
Noon.				"	"	2			30-23	74	71	67		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, "

Coal consumed during the preceding 24 hours, tons lbs.

Coal remaining on hand at Noon, " "

P. M.																	
1				S.S.E.	N.N.W.	1			30-20	71	73	69		bc.	cir cum	6	
2				S.E. by S.	S.E.	2			30-18	72	71	69		"	"	7	
3				"	"	3			30-16	72	70	68		"	"	8	
4				S.E.	S.E. by E.	3			30-16	72	69	68		"	"	8	
5				East.	N.N.E.	2			30-16	72	70	65		"	"	8	
6				N. by E.	N.N.W.	1			30-16	74	71	65		"	"	9	
7				N.E.	N.E.	2			30-16	75	68	65		"	"	9	
8				"	"	2			30-17	75	67	64		"	"	9	
9				N. by E.	"	2			30-15	74	66	63		"	"	9	
10				North.	"	3			30-15	72	65	63		f	none	10	
11				"	N.N.E.	3			30-15	71	64	61		"	"	10	
Mid.				"	"	2			30-15	70	63	60		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,
Monday April 4th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Heavy dew. Light airs from N.E. and N.E.

C. M. Strone
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant. Light N. N.E. breze. Received for use of crew 110 lbs pack pork beef and vegetables and 88 lbs bread.

W. O. Wulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs and breze from N.E. to North. At 9.30. mustered at quarters and drilled the divisions. At 10.20 unbent sails and got ready for painting spars. Made signals as follows; 9 numeral 0; 10, numeral 05 – 10.05 Int., 6107, ansd, affirmative, 10.10, Int. Tel., 7012, 8597, ansd affirmative; 12.00 numeral 165.

Jas. L. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs from N.N.E. to gentle breze from S.E. and S.E. by E. Painting spars. At 1.00 flagship made 2984.

C. M. Strone
Ensign U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Light airs and breze from S.E. by E. to N.N.W. first part, from N.E. latter part. At 5.15 Flagship made three signals. Finished painting spars.

Jas. L. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light and gentle breze from N.E. and N.N.E.

C. M. Strone
Ensign U.S.N.

Examined and found to be correct.

Le. K. Hunter
Line Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North	N.N.E.	2			30-14	68	62	60		b	none	10	
2				N.E.	North.	3			30-17	65	62	60		"	"	10	
3				N.E.by E.	"	3			30-17	65	61	59		bc.	cir cum	8	
4				"	"	3			30-17	64	61	59		"	"	8	
5				N.N.E.	"	3			30-18	65	59	58		"	"	8	
6				N.by W.	"	3			30-19	65	60	59		"	"	2	
7				"	"	2			30-21	64	60	59		"	"	8	
8				"	"	2			30-23	65	61	60		"	"	8	
9				N.N.W.	N.N.W.	2			30-23	68	64	62		"	"	8	
10				"	"	2			30-24	69	67	64		"	"	6	
11				N.E.	"	1			30-24	69	69	65		"	"	8	
Noon.				S.E.	S.S.W.	1			30-24	69	69	66		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 386 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1851 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 165 " 475 "

P. M.												
1	South.	S.W.	2	30-22	70	70	66	bc.	cir cum	6	
2	"	South	2	30-22	70	70	66	"	"	8	
3	S.S.E.	S.S.E.	1	30-22	70	70	66	"	"	8	
4	"	"	1	30-22	70	70	67	"	"	9	
5	S.E.	S.E.by S.	3	30-23	70	70	67	"	"	9	
6	E.S.E.	S.E.	3	30-23	70	69	67	"	"	9	
7	East.	E.S.E.	3	30-23	72	69	67	"	"	9	
8	E.S.E.	"	2	30-24	75	69	67	b	none	10	
9	"	East.	1	30-25	75	68	67	"	"	10	
10	N.E.	"	2	30-26	74	68	67	"	"	10	
11	"	"	1	30-26	74	68	67	"	"	10	
Mid.	"	"	2	30-26	73	68	67	"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,
Tuesday, April 5th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and pleasant. Light to gentle breeze from N.E. to North.

W. Harrison
Lieut. U.S.N.

4 o'clock to 8 A.M.
Generally clear. Gentle breeze from North. At 7, Flag made dress signals.

Geo. L. Wolverton
Lieut. U.S.N.

8 A.M. to Meridian.
Mostly fair. Light airs and breezes from N.N.W. and S.S.W. At 9.30 mustered at quarters, and exercised divisions as follows, 1st and 3d. divisions single sticks, Navigators and 2d divisions pistols, Powder division stations. The Commanding Officer awarded the following punishment, — J. Gesser (Stg. Steward) dis-rated to landsman. Made the following signals, at 9.00 numeral 0; — at 10.00 numeral 1; and at 12.00, numeral 165.

D. McClone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light breeze to light airs from S.W. to S.S.E. At 1 flagship made 2/8. — Piped down and turned in clean hammocks. Exercised boats under oars and sail.

W. Harrison
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant; Light and gentle breezes from S.E. by S. to E.S.E. Flagship made uniform signals as per record.

D. McClone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Bright moon (P.M.) starlight. Light breeze and light airs from East.

W. Harrison
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hunt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, , 3d Rate,

Montevideo, Uruguay,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NE	East.	2			30-27	74	66	66		bc	cum/str	9	
2				"	"	2			30-26	70	64	63		b	none	10	
3				E by N.	E.N.E.	3			30-25	69	63	62		"	"	10	
4				N.E.	N.E.	3			30-24	68	62	62		bc	cir str.	8	
5				E.N.E.	"	3			30-24	66	63	62		"	cir cum str	7	
6				N.E. by E.	"	3			30-24	64	62	62		"	"	4	
7				N.E.	"	3			30-25	65	63	62		"	"	3	
8				"	"	3			30-25	65	63	63		"	"	1	
9				N. by E.	N.N.E.	3			30-26	68	67	65		"	"	6	
10				"	"	3			30-26	70	70	66		"	"	4	
11				"	"	3			30-26	70	71	67		"	"	4	
Noon.				"	"	3			30-25	71	72	67		"	"	3	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 365 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1510 "

Coal consumed during the preceding 24 hours, tons 1500 lbs.

Coal remaining on hand at Noon, 164 " 1215 "

P. M.												
1	N. by E.	N.N.E.	2	30-25	72	73	68	fc	cir cum str	4	
2	N.N.E.	N.E.	2	30-23	73	74	70	"	"	5	
3	S.E.	East.	3	30-22	72	73	69	"	"	5	
4	"	E.S.E.	3	30-21	72	71	69	"	"	4	
5	E.S.E.	E.N.E.	5	30-21	72	70	67	oc.	cirrocum	0	
6	East.	"	5	30-20	74	69	67	fc	"	2	
7	E.N.E.	"	4	30-19	76	69	67	"	"	2	
8	"	"	4	30-20	76	68	66	"	"	4	
9	"	"	4	30-21	76	68	65	"	"	7	
10	"	"	4	30-23	75	67	65	oc	nim	0	
11	N.E by E	N.E by E.	4	30-23	75	67	64	"	"	0	
Mid.	N.E by N.	N.E.	4	30-23	76	67	64	"	"	0	

under the command of A. S. Snow, Commander, U. S. Navy,
Wednesday April 6th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (M) until 4 A.M.
Clear and fine; light to gentle breeze from E. & N.E.

W. Ry Mason Field
Ensign U.S.N.

4 to 8 A.M.
Fair first and last hours. Cloudy rest of watch. Gentle breezes from N.E., Flagship made uniform signals as per record. Received in Pay Department 110 lbs fresh beef and vegetables, and 88 lbs bread.

O. M. Krone
Ensign U.S.N.

8 A.M. to Meridian.
Generally cloudy but pleasant weather. Gentle breeze from N.N.E. At 9.30 mustered at quarters (M) exercised as infantry. at 10. called away all boats. (M) exercised singly under sail, in obedience to signal from flagship. Comdg Officer of A.M.S. Magpie, paid an official visit to this ship. Made routine signals — The following signals were made by flagship. 12 — 2418, (M) 2438.

F. T. Wilson
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant: Light to gentle breeze from N.N.E. to E.S.E. — Flagship made telegraphic Signal "Send coal reports at once".

W. Ry Mason Field.
Ensign U.S.N.

4 to 8 P.M.
Cloudy and threatening. Fresh to moderate breezes from E.N.E.

F. T. Wilson
Lieut. U.S.N.

8 P.M. to Midnight.
Generally overcast. Mod. breeze fm E.N.E to N.E.

W. Ry Mason Field.
Ensign U.S.N.

Examined and found to be correct.

G. K. Gordon
Lieut. Navigator.

LOG of the UNITED STATES "Steamer Essex", 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E	N.E	3			30-22	74	66	65		bc	cum nimb	3	
2				"	"	2			30-22	74	66	65		bcl.	"	2	
3				"	"	3			30-20	73	67	66		"	"	2	
4				"	"	2			30-19	73	66	66		ccdl.	"	0	
5				East	N.NE	3			30-19	73	67	66		ccl,r.	"	0	
6				NE.	N.N.	3			30-20	72	66	66		"	"	0	
7				North	N.NE	3			30-20	70	67	66		ccr.	"	0	
8				N.W. by W.	North.	3			30-20	69	67	66		"	"	0	
9				S. by E.	NNE.	2			30-22	69	68	67		ccp.	"	0	
10				N. by E.	"	3			30-21	68	68	67		"	"	0	
11				N by W.	"	3			30-20	69	68	67		bc	"	2	
Noon.				"	"	3			30-20	71	70	68		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 378 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1132 "

Coal consumed during the preceding 24 hours, tons 1300 lbs.

Coal remaining on hand at Noon, 163 "2155"

P. M.													
1			North	North.	3			30-20	72	72	69	bc	cu nim	4
2			NW.	"	2			30-19	73	73	71	"	cum numb	3
3			SSW.	N.N.E.	1			30-18	73	73	71	bcdf	nim.	2
4			S.E. by S.	"	2			30-18	73	73	72	"	"	3
5			S.E. by E.	E.N.E.	1			30-17	73	73	71	bcm	"	2
6			S. by E.	"	1			30-17	74	71	70	"	"	3
7			S.S.E.	"	1			30-17	76	71	70	"	"	1
8			S.E.	Calm.	0			30-18	76	72	71	"	"	1
9			East	N.N.W.	1			30-20	74	72	71	"	"	1
10			North.	"	1			30-20	71	70	69	oc	"	0
11			"	"	1			30-20	71	70	69	"	"	0
Mid.			N by W.	"	1			30-20	76	69	68		"	0

under the command of A. S. Snow Commander, U. S. Navy,
Thursday April 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Cloudy — overcast & last hour and raining — Barometer steady. Lightning to S'd and W'd.

J. J. Hawkins
Lieut, U.S.N.

4 to 8 A.M.
Overcast, cloudy and raining. Gentle breeze from N.N.E. to N.W. & North

J. J. Hawkins
Lieut U.S.N.

8 AM to Meridian.
Overcast. Then clearing up. Light to gentle breeze from N.N.E. Mustered at quarters and made out Clothing Requisitions. Lighted fires for distilling at 10.00.

W. Ry Mason Field.
Ensign, U.S.N.

Meridian to 4.
Overcast or cloudy, and raining — clearing at end of watch. — barometer steady — distilling.

J. J. Hawkins
Lieut. U.S.N.

4 to 8 P.M.
Partly fair; light airs from E.N.E and Calm. Flagship made dress — signals. Distilling.

W. Ry Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy or overcast — barometer steady. — light airs from N.N.W. Distilling.

J. J. Hawkins
Lieut. U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut — Navigator.

LOG of the UNITED STATES — Steamer Essex — ,35 Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N by W.	N.W.	1			30-20	76	69	68		cl.	nim	0	
2				W.N.W.	West.	3			30-20	75	70	69		cirl.	"	0	
3				West.	W.S.W.	3			30-20	75	69	68		"	"	0	
4				S.W. by S.	"	3			30-20	76	69	68		"	"	0	
5				N.E.	E.N.E.	1			30-20	76	69	68		"	"	0	
6				S.S.E.	"	1			30-20	73	69	68		cir	"	0	
7				"	N.N.W.	1			30-25	70	70	69		hc p.m.	cir nim ptr.	2	
8				"	"	1			30-26	69	70	69		hcms	"	3	
9				S.E.	"	1			30-25	70	70	69		"	"	5	
10				E.S.E.	N.N.E.	1			30-25	71	71	70		"	"	5	
11				"	S.S.W.	1			30-25	72	72	70		"	"	6	
Noon.				S.S.W.	"	1			30-25	71	71	70		"	"	6	

Course and distance made good since preceding noon by observations, .knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 68 gallons.

Water distilled during the preceding 24 hours, 2236 "

Water remaining on hand fit for use at Noon, 3000 "

Coal consumed during the preceding 24 hours, 1 tons 1160 lbs.

Coal remaining on hand at Noon, 162 " 995 "

P. M.												
1	N.W.	W.S.W.	2	30-24	70	71	69	hcm	cir cum	8		
2	"	South.	1	30-23	71	73	70			8		
3	"	"	1	30-22	71	74	71			8		
4	"	"	1	30-22	72	73	71			8		
5	S.S.E.	S.S.E.	1	30-22	74	73	71			8		
6	S.E. by S.	S.E.	1	30-22	76	72	70			8		
7	S.S.E.	"	1	30-23	78	71	69	hc	"	8		
8	S.E. by S.	"	1	30-25	78	71	69	hcm	"	9		
9	"	E.N.E.	1	30-23	75	72	70	hcmw	"	9		
10	"	"	1	30-23	75	71	70	"	"	9		
11	East.	N.N.E.	1	30-23	73	69	68	"	"	9		
Mid.	"	"	1	30-24	72	69	68	"		9		

under the command of A. S. Snow, Commander, U. S. Navy,
Friday, April 8th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Overcast, rain, lightning. Light airs to gentle breeze from N.W. to W.S.W. Distilling.

W. O. Bulmer
Ensign U.S.N.

4 to 8 A.M.
Overcast, then clearing, light airs from E.N.E., hauling to N.N.W.; Flagship made divers signals. Distilling.

W. R. Mason Jr. Mid.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. - barometer steady - variable light airs - At 9.30 quarters - no absentees. 1st Company Artillery, 2d Infantry - Tested life buoys - Lowered sail - Distilling. The Commanding Officer adjudged the following punishments - Dwyer E (Ld) clothes not marked. Absent from quarters - 3 night watches - McSherney E (Ld) Absent from quarters - 3 night watches

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and warm. Light airs to light breeze from W.S.W. to the South. At 1.30 Flag made prep. 13; At 2, 24.26; At 2.20 24.12; - at 3, 24.38, at 3.15 - 28.72 (Pm) at 3.34, 48.26. At 2.50 stopped distilling.

W. O. Bulmer
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. - barometer steady - light airs from S'd, and E'd,

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Light airs from E.N.E. to N.N.E.

W. O. Bulmer
Ensign U.S.N.

Examined and found to be correct.

L. K. Lamb
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex , Rate,

Montevideo Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.E.	N.N.E.	1			30-25	74	68	67		bw.	none	10	
2				North.	"	1			30-25	74	68	67		"	"	10	
3				N.E.	"	1			30-25	74	68	67		"	"	10	
4				"	"	1			30-25	73	67	66		"	"	10	
5				East.	"	2			30-25	71	67	66		bsw.	cum	7	
6				"	"	1			30-25	70	67	66		"	"	8	
7				S.E.	"	1			30-26	69	68	67		bsm.	cir cum	8	
8				S.S.E.	"	1			30-27	70	69	67		"	"	8	
9				E.S.E.	"	1			30-28	71	70	69		"	"	8	
10				E.by S.	W.Sw.	1			30-28	70	71	69		"	"	8	
11				East.	Sw.	1			30-28	70	72	70		"	"	8	
Noon.				E.N.E.	S.S.E.	1			30-27	71	72	70		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, 354 "

Water remaining on hand fit for use at Noon, 2944 "

Coal consumed during the preceding 24 hours, tons 1600 lbs.

Coal remaining on hand at Noon, 161 " 1635 "

P. M.														
1			N.E.	S.E.	1	30-25	71	72	70		be.	cir cum		7
2			North.	"	1	30-23	72	72	70		"	"		7
3			"	"	1	30-23	72	72	70		"	"		7
4			"	"	1	30-23	72	72	70		"	"		9
5			"	"	1	30-22	70	72	70		"	"		9
6			E.by S.	E.S.E.	1	30-21	73	72	69		"	"		9
7			"	E by N.	2	30-25	75	72	69		"	"		7
8			E by N.	"	2	30-25	77	71	69		"	"		5
9			S.E by E.	E.N.E.	3	30-22	77	70	68		"	"		9
10			"	"	3	30-22	75	71	69		"	"		9
11			E.S.E.	"	3	30-21	76	71	69		bsw.	"		8
Mid.			E by N.	"	3	30-19	74	69	68		"	"		8

under the command of A. S. Snow Commander, U. S. Navy,

Saturday April 9th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (am) until 4 AM.
Clear and pleasant. Very heavy dew. Light airs from N.N.E.

H Geo. F. W. Holman
Lieut, U.S.N.

4 to 8 A.M.
Clear and pleasant - barometer steady - light breeze from E'd.

N. J. T. Newton
Lieut, U.S.N.

8 A.M. to Meridian.
Clear, light airs from N.N.E. to W.S.W. Made routine signals at 9, 10, (am) 12, -0, 2, 161 respectively. At 9.40 flag made 10 17, (am) at 10.50 2076. At 9.45 hoisted bedding. Quarterly Board of Survey condemned one can tomatoes and one can corn; ordered thrown overboard.

W. O. Hulse
Ensign, U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Light airs from S.E. Piped down and hoisted bedding. At 3.30 Flag made General signal 2240. Answ'd.

H Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear. Gentle E.N.E breeze.

W. O. Hulse
Ensign, U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from E.N.E. Heavy dew.

H Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate, Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	3			30-17	75	68	67		b.cw.	cir str	6	
2				North	North.	2			30-14	74	67	66		"	"	4	
3				"	"	2			30-12	73	66	66		"	"	3	
4				"	"	2			30-11	73	66	65		"	"	3	
5				N.N.W.	"	3			30-12	72	66	65		"	"	5	
6				North	"	3			30-12	68	65	64		b.c.	"	4	
7				E.N.E.	"	3			30-12	67	66	66		"	"	4	
8				N.E.by E.	N.N.W.	3			30-12	68	67	66		"	"	5	
9				E.S.E.	North.	3			30-12	70	70	69		"	"	5	
10				"	"	3			30-12	71	71	70		"	"	5	
11				"	"	3			30-12	73	72	71		"	"	5	
Noon.				"	"	3			30-11	74	74	71		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2580 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 161 " 1235 "

P. M.													
1			East.	N.N.W.	3		30-08	75	75	72	b.c.	cir cum	4
2			N.E. by E.	S.S.E.	3		30-06	74	75	73	"	cir cum Nimbus	3
3			N.E.	E.S.E.	2		30-05	74	75	72	"	"	2
4			E.N.E.	S.S.E.	2		30-05	73	73	71	o.c.	"	0
5			North.	N.N.W.	1		30-05	73	72	70	"	"	0
6			"	N.E.	1		30-04	74	72	71	b.cm	"	5
7			N.E. by N.	Calm.	0		30-04	78	73	71	"	"	6
8			E.S.E.	N.N.E.	1		30-03	78	72	70	"	"	5
9			S.E.	"	2		30-05	77	72	70	"	"	5
10			"	North.	1		30-05	77	72	70	"	"	4
11			"	"	1		30-05	76	72	70	b.cw.	"	4
Mid.			N.N.W.	"	1		30-05	74	72	70	"	"	4

under the command of A. S. Snow, Commander, U. S. Navy,
Sunday April 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Muntel 4 A.M.
Cloudy. Light and gentle breezes from North & N.E.
Whitney E.C.S. and Flaherty J. (Boy), stood extra watch by order of Commanding Officer.

O. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Fair. Gentle breeze from the North, to N.N.W. At 6.48 - H.M.S. Cleopatra, came to anchor in harbor, and at 8 fired a salute of 13 guns, U.S. Ensign at fore. Received for use of crew 110 lbs. each Beef & Vegetables and 88 lbs bread

M. O. Fulmer
Ensign U.S.N.

8 A.M. to Meridian.
Fair. Gentle breeze from North. At 9.30 the Commanding Officer inspected the crew at quarters. The Spanish training ship Nautilus came in and anchored in the inner harbor. By direction of the Admiral sent an officer to visit the Cleopatra & Nautilus with usual compliments. The following signals were made 9.00 Essex to Flag, Numeral 0; 9. Flag to Essex Tel., 4916, 0631, 9279, 888, 0970, 0422, 2763; 10.00 Essex to Flag Numeral 3; 10.20 Flag, General 3155, 6374, & 2172: 12.00 Essex to Flag. Numeral 162

H Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Raining last hour. Light and gentle breezes from S.S.E., E.S.E, and N.N.W.

O. M. Stone
Ensign U.S.N.

4 o'clock to 8 P.M.
Overcast first part with rain and then clearing Light airs from N.N.W, to N.E, first part and calm latter part. At 5.15 Flag made uniform signals.

H Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy. Light airs and brazes from N.N.E, & North.

O. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Sumner
Lieut., Navigator.

LOG of the UNITED STATES — Steamer Essex, 3rd Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	West	1			30-05	74	71	70		bc.	cirrus nimb	2	
2				W by N.	N.W.	1			30-05	75	71	70		"	"	2	
3				N.W. by N.	"	1			30-05	75	71	69		"	"	5	
4				W by N.	North.	1			30-04	74	71	70		"	"	1	
5				N.N.W.	"	1			30-05	72	70	69		"	"	4	
6				N.N.E.	"	1			30-04	72	70	69		"	"	3	
7				South.	W.S.W.	1			30-03	72	70	69		bcm	"	2	
8				S.S.E.	"	1			30-04	71	70	70		"	"	1	
9				South	South.	1			30-05	72	71	70		"	"	2	
10				S.S.E.	S.S.E.	2			30-06	72	71	69		"	"	3	
11				"	"	2			30-07	72	70	68		"	"	2	
Noon.				"	"	2			30-07	72	70	69		oc	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 392 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2188 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 161 " 835 "

P. M.											
1	S.S.E.	E.S.E.	3	30-06	73	70	68	oc.	cirrus	c
2	"	S.E.	2	30-06	73	70	68	"	"	c
3	"	"	2	30-06	73	69	68	"	"	c
4	"	"	2	30-06	72	69	68	"	"	c
5	S.E.by S.	S.E.by S.	3	30-06	73	69	68	"	"	c
6	S.E.	"	3	30-07	76	69	67	"	"	c
7	S.E.by S.	"	3	30-09	76	69	67	"	"	0
8	S.S.E.	"	3	30-09	76	68	66	"	"	3
9	S.E.	"	2	30-10	76	69	67	"	"	c
10	"	"	2	30-10	76	69	67	"	"	c
11	"	"	1	30-10	76	69	67	"	"	c
Mid.	"	"	1	30-10	76	69	67	"	"	0

under the command of A. S. Snow, Commander, U. S. Navy,
Monday April 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.
Partly cloudy pleasant weather. Light airs from West to N.W and North.

M. Harris
Lieut. U.S.N.

4 o'clock to 8 A.M.
Cloudy. Light airs from North first part. U.S.N. latter part. Received for use of crew 110 lbs. each fresh beef & vegetables and 88 lbs, bread. At 7. Flag made dress signals

H Lurgo Gill Halsey
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Light airs and breezes from South, & S.S.E. Mustered at quarters at 9.30 and drilled divisions at divisional drill. The U.S.S. Atlanta, left harbor. Made signal numeral 0 at 9, - numeral 3 at 10 and numeral 161 at 12; - at 10.30 made signal interrogatory 2255. Flagship answered affirmative, Sent down topgallant yards and bent sail; crossed topgallant yards.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy but pleasant. Gentle to light breeze from E.S.E., and S.E. Received the following stores; - Con. & Rep. Department, 208 ft. Pine lumber, 67 ft Ash lumber, 70 lbs sheet Lead, 10 lbs Sheathing nails, 1 lb Chrome Yellow, 30 lbs French (Yellow dry) 60 lbs French Yellow in Oil. 15 lbs Black Lead (dry), and 8 Ash oars; In Equipment 320 yds Cotton Canvas #4, 80 lbs. Bolt Rope 2½", 50 lbs Bolt Rope 4¼", 60 lbs Ma. Rope 1½", 30 lbs Ma. Rope 1¼. & 1 bbl. slacked Lime; & received in Engineers' Department 2 bbls Portland-Cement.

M. Harris
Lieut. U.S.N.

4 to 8 P.M.
Cloudy and overcast. Gentle breezes from S.E by S. Flagship made uniform signals as per record

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy. Light breeze to light airs from S.E. by S.

M. Harris
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steame Essex, , 3d Rate,
Montevideo, Uruguay,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.by.W.	3			30-10	76	69	67		o.c.	cumptr	6	
2				"	"	3			30-10	75	68	66		"	"	0	
3				"	S.S.E.	3			30-10	75	68	66		"	"	0	
4				"	"	3			30-10	74	67	65		bc	"	2	
5				S.S.W.	S.S.W.	2			30-09	73	67	64		"	"	8	
6				S.W.by.S.	"	3			30-11	69	66	63		"	"	9	
7				"	"	3			30-10	69	66	63		"	"	9	
8				"	"	3			30-10	70	67	65		"	"	9	
9				South	S.by.W.	3			30-10	70	67	64		"	"	8	
10				"	"	3			30-11	70	67	65		"	"	8	
11				"	"	3			30-11	71	67	65		"	"	8	
Noon.				"	"	3			30-11	71	68	66		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 372 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1816 "

Coal consumed during the preceding 24 hours, tons 1300 lbs.

Coal remaining on hand at Noon, 160 " 1775 "

P. M.												
1		S.S.W.	S.S.W.	2	30-11	72	68	66	bc	cir cum	8	
2		"	"	2	30-11	72	68	67	"	"	8	
3		"	"	2	30-11	80	70	68	"	"	8	
4		S.W.	S.W.	1	30-11	75	70	68	"	"	9	
5		West.	"	1	30-11	72	70	66	"	"	9	
6		"	"	1	30-11	75	69	65	"	"	9	
7		W.S.W.	N.W.	1	30-11	77	69	66	bc	more	10	
8		S.W.by.W	"	1	30-11	77	69	66	"	"	10	
9		"	"	3	30-11	77	67	64	"	"	10	
10		S.S.E.	"	3	30-10	74	67	65	"	"	10	
11		E.N.E.	"	4	30-10	74	65	63	"	"	10	
Mid.		West.	"	4	30-11	72	64	62	bc	cir cum	9	

under the command of A. L. Snow, Commander, U. S. Navy,
Tuesday, April 12th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mn until 4 A.M.
Overcast and cloudy. gentle breeze from S by W to S.S.E.

W. Ray Mann Fuld.
Ensign U.S.N.

4 to 8 AM.
Clear and pleasant. Light and gentle breezes from S.S.W. Flagship made uniform signals as per record.

C. M. Stone
Ensign U.S.N.

8 AM to Meridian.
Clear and pleasant. Gentle breeze from S by W. At 9.30 loosed sails in obedience to signal from Flagship; at 9.40 mustered at quarters Mn had divisional exercises. Commanding Officer paid an official visit to R.M.S. Cleopatra. Made routine signals.

To V. Harris
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and fine; light breeze from S.S.W. Served out Clothing Mn Small Stores. Furled sail in obedience to signal.

J. W. Ray Mann Fuld.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs from S.W. shifting to N.W. at about 6.30. Moon rose at about 6 P.M. Chicago made Genl. tel., signals 9010, 945, Genl., 5 numbl, tel 5034, Mn general 3355, 3955, 6375.

V. Harris
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine, gentle to moderate breeze from N.W.

W. Ray Mann Fuld.
Ensign U.S.N.

Examined and found to be correct.

M. K. Simms
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo Uruguay,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	N.W.	2			30-12	72	63	61		bc	cir pum	9	
2				"	"	2			30-12	71	61	60		"	"	9	
3				"	"	2			30-11	70	61	60		"	"	9	
4				"	"	2			30-09	70	61	60		"	"	9	
5				N by N.	"	3			30-09	70	61	60		"	cum	9	
6				W.N.W.	"	3			30-09	70	60	59		bcm.	"	7	
7				N by E.	"	3			30-09	64	60	59		"	"	8	
8				N.W. by W.	"	3			30-09	67	61	60		"	"	8	
9				S.S.E.	W.N.W.	3			30-09	67	64	63		b	none	10	
10				"	"	3			30-09	68	67	66		"	"	10	
11				"	West	3			30-09	70	69	65		"	"	10	
Noon.				S.E.	"	3			30-09	70	69	65		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1406 "

Coal consumed during the preceding 24 hours, tons 800 lbs.

Coal remaining on hand at Noon, 160 " 975 "

P. M.													
1	W by S.	West.	4	30-09	70	69	65	b	none	10			
2	W.N.W.	"	3	30-07	72	71	68	"	"	10			
3	West.	"	3	30-06	73	71	68	"	"	10			
4	"	"	3	30-05	72	71	68	"	"	10			
5	N.W.	W.N.W.	2	30-04	72	71	69	"	"	10			
6	"	"	2	30-04	75	70	69	"	"	10			
7	W.N.W.	"	1	30-04	76	70	69	"	"	10			
8	"	"	2	30-04	76	69	68	bw	"	10			
9	West	"	2	30-04	76	68	68	"	"	10			
10	S.E.	"	3	30-04	78	69	68	"	"	10			
11	"	"	3	30-04	72	69	68	"	"	10			
Mid.	N.E.	"	3	30-02	71	67	66	"	"	10			

under the command of A. S. Snow, Commander, U. S. Navy,
Wednesday, April 13th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Gunfire 4 A.M.
Clear and pleasant. Barometer steady. Light breeze from Sd. & Wd. Brilliant meteor fell at 3.44 – southern horizon.

N. J. T. Newton
Lieut. U. S. N.

4 to 8 A.M.
Clear and pleasant. Gentle breeze from N. & N.W. Misty along horizon. Received 110 lbs. fresh meat, 110 lbs vegetables and 88 lbs soft bread in Pay Department for issue to crew; Flagship made uniform signals 3340, 3955 and 6375.

H. V. Harrison
Lieut. U. S. N.

8 A.M. to Meridian.
Clear and pleasant, light to gentle breeze from W.N.W. and W. Mustered at quarters and exercised all boats under sail in obedience to signal from the Flagship.

F. W. Rogers Mann Jr.
Ensign U. S. N.

Meridian to 4 P.M.
Bright and pleasant, barometer steady – moderate to gentle breeze from W.

N. J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.
Clear and pleasant, light airs to light breeze from W.N.W.

W. Rogers Mann Jr.
Ensign U. S. N.

8 P.M. to Midnight.
Clear and pleasant. full moon – barometer steady. light to gentle breeze from W.N.W. A Uruguayan gun-boat left the harbor.

N. J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

A. K. Lemmon
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.W.	S.W.	3			30-02	71	64	64		b.w.	none	10	
2				"	"	3			30-01	71	63	63		"	"	10	
3				S.W.	"	3			30-00	71	62	62		"	"	10	
4				"	"	3			30-00	71	62	62		"	"	10	
5				"	"	3			30-00	70	61	61		l	"	10	
6				S.W.by W.	"	3			30-00	64	61	61		"	"	10	
7				S.W.	"	4			30-00	65	61	60		bc	str.	8	
8				"	"	4			30-01	66	62	62		"	"	8	
9				W.S.W.	"	3			30-02	68	66	64		"	"	9	
10				"	"	3			30-01	69	68	66		"	"	9	
11				"	"	4			30-01	70	70	67		"	"	9	
Noon.				"	W.N.W.	4			30-01	72	72	68		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 376 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1030 "

Coal consumed during the preceding 24 hours, tons 1000 lbs.

Coal remaining on hand at Noon, 159 " 2215 "

P. M.													
1		W.S.W.	West.	3	29-99	73	72	69		b.	none	10	
2		W.by S.	"	3	29-95	73	73	70		"	"	10	
3		"	"	3	29-94	74	75	71		"	"	10	
4		"	"	3	29-94	74	75	72		"	"	10	
5		N.W.by W.	W.N.W.	3	29-93	74	76	74		bem	cirrus	9	
6		"		3	29-93	77	74	74		bc	"	9	
7		W.N.W.	"	4	29-92	78	72	71		b.c.	"	8	
8		"	N.W.	3	29-92	78	71	70		"	"	9	
9		S.W.	"	2	29-94	74	71	69		bc.	"	9	
10		"	"	2	29-94	75	70	68		"	"	8	
11		South	S.W.	2-4	29-98	76	69	68		beg.	"	2	
Mid.		S.by E.	S.by E.	4-5	30-01	76	68	66		"	"	6	

under the command of A. S. Snow Commander, U. S. Navy,
Thursday, April 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced am until 4 A.M.
Clear and pleasant. Gentle breeze from N.W.

D. M. Stone
Ensign U.S.N.

4 to 8 A.M.
Clear and fine, gentle to moderate breeze from N.W. to W.

W. Ry Mason 3rd.
Ensign U.S.N.

8 A.M. to Meridian.
Bright and pleasant. — barometer steady — gentle to moderate breeze from N.W. and W.N.W. — At 9.30 General Quarters, times as follows; 1st Division ready 2 minutes, 10 seconds; — 2d Division — 2 minutes, 15 seconds; — 3rd Division, 1 minute 05 seconds; — Navigators, 2 minutes, 15 seconds; — Powder, 3 minutes; — Engineers, 30 seconds; — Marine Guard, 1 minute; Pay Department, 2 minutes 10 seconds; — Surgeons ready in 40 seconds. Tested flood cocks, magazine; commenced distilling.

Jr. J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear. Gentle breeze from the West. At 2 started distilling. Exercised 1st Company Infantry, 2d. Company Setting up Exercises. Distilling.

W. W. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. — barometer steady — gentle breeze from W.N.W. and N.W. — Received in Equipment 1 pr trimming scissors — in Construction 5 gals. linseed oil. — In Engineers Department 12 scrub brushes, 9¾ lbs. marline, — 6 pet cock, 3 of ¼ in, 3 of ⅜ in. —, 12 guage glasses, — 8 lbs. cotton waste. Received in Pay Department, 164 lbs. sugar, — 1200 lbs flour, — 5½ gals. beans, — 1200 lbs pork, — 600 lbs beef, — 300 lbs pickles. Bennington left. — Distilling.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Generally clear. Cloudy third hour. Light to fresh breeze from N.W. to S. by E., hauling suddenly to West and then to S., about 10.45, later to S. by E. Squally. Hoisted St. Launch. — Distilling.

W. W. Hulme
Ensign U.S.N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.E.	5			30-12	72	66	66		o. c.	cum. str.	0	
2				S by W.	S.E by S.	5			30-09	71	65	63		"	"	0	
3				S.W.	"	5			30-04	69	65	64		"	"	0	
4				"	S by E.	5			30-05	70	65	63		"	"	0	
5				W.S.W.	"	4-6			30-05	70	64	63		l.c.g.	"	2	
6				S.W.	"	4-6			30-08	70	64	63		"	"	2	
7				S.W by S.	"	4-6			30-11	67	64	63		"	"	3	
8				S.S.W.	"	4-6			30-13	67	63	62		"	cir. cum. str.	4	
9				"	South.	5			30-17	67	64	63		"	cir. cum. nim.	3	
10				"	"	5			30-20	66	63	62		o. c.	nim.	0	
11				South.	"	5			30-21	66	62	60		"	"	0	
Noon.				"	"	5			30-23	68	62	60		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 382 gallons.

Water Distilled during the preceding 24 hours, 1872 "

Water remaining on hand fit for use at Noon, 25520 "

Coal consumed during the preceding 24 hours, 1 tons 1660 lbs.

Coal remaining on hand at Noon, 158 " 5555"

P. M.																	
1				S by W.	S by W.	5			30-24	66	62	57		o. c.	cum nim	0	
2				S.S.W.	"	5			30-25	65	61	57		"	"	0	
3				S.W by S.	"	5			30-26	65	61	57		l.c.	"	3	
4				"	"	5			30-27	65	61	58		"	"	3	
5				South.	"	5			30-29	64	61	58		"	"	4	
6				S by E.	South.	5			30-32	62	61	59		"	"	4	
7				"	"	5			30-36	76	61	60		"	"	6	
8				S.S.E.	"	5			30-37	76	60	59		l.c.l	"	7	
9				S by E.	S by E.	5			30-38	76	60	58		l. c.	cir cum nim	6	
10				"	"	5			30-39	76	60	58		"	"	5	
11				"	"	3-5			30-39	72	59	57		l.c.g.	"	5	
Mid.				"	"	3-5			30-39	71	60	57		"	"	5	

under the command of A. S. Snow, Commander, U. S. Navy,

Friday, April 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Overcast. Stiff breeze from S.S.E, to E by S. Distilling -

Geo. L. W. Holman
Lieut. U. S. N.

4 to 8 A.M.
Cloudy - moderate to stiff breeze from S by E. - Barometer rising - Received in Pay Department, 110 lbs. fresh beef, - 110 lbs fresh vegetables - 88 lbs soft bread.

J. T. Newlin
Lieut. U. S. N.

8 A.M. to Meridian.
Overcast. Fresh breeze from the South. At 9.30 mustered at quarters and exercised 1st & 2d Companies at Infantry. Signals as per record.

W. O. Hulme
Ensign U. S. N.

Meridian to 4 P.M.
Overcast first part, cloudy latter part. Stiff breeze from S by W. - Distilling. At 2 made signal Interrogatory 2984. Not ans'd. At 3.50 Flag made signal General 5169.

Geo. L. W. Holman
Lieut. U. S. N.

4 to 8 P.M.
Cloudy. Fresh breeze from S by W. Squally. At 5 stopped distilling

W. O. Hulme
Ensign U. S. N.

8 P.M. to Midnight
Fair. Stiff breeze from S by E, abating to gentle breeze with occasional stiff squalls.

Geo. L. W. Holman
Lieut U. S. N.

Examined and found to be correct.

H. V. Lemly
Lieut; Navigator.

LOG of the UNITED STATES Steamer Essex, 3d. Rate,

Monteviedeo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.by E.	2-4			30-39	70	60	56		b.q.	cir. cumi.	5	
2				"	"	2-3			30-39	69	59	55		"	"	6	
3				S.S.W.	S.S.W.	2-3			30-39	68	59	55		"	"	6	
4				"	"	2-3			30-38	66	59	55		"	"	6	
5				S.W.by S.	"	3			30-38	66	59	56		"	"	5	
6				"	"	3			30-39	66	59	56		"	"	5	
7				S.S.W.	"	3			30-39	64	59	56		bc.	"	6	
8				S.by W.	"	3			30-39	69	59	57		"	"	6	
9				South	S.W.	2			30-38	65	59	58		"	"	6	
10				"	"	1			30-39	65	60	57		"	"	8	
11				E.S.E.	W.S.W.	2			30-39	65	61	60		"	"	8	
Noon.				South	"	2			30-38	65	61	60		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 384 gallons.

Water distilled during the preceding 24 hours, 772 "

Water remaining on hand fit for use at Noon, 2908 "

Coal consumed during the preceding 24 hours, tons 2200 lbs.

Coal remaining on hand at Noon, 157 " 595 "

P. M.																		
1					N.E.by E.	W.S.W.	3			30-37	62	64	61	bc.	cir. cumi.	7	
2					E.by S.	"	3			30-36	62	63	61	"	cir. cumi. St.	7	
3					S.E.by S.	"	3			30-35	63	61	60	"	"	4	
4					W.S.W.	"	3			30-35	62	62	60	"	"	4	
5					N.by W.	"	2			30-32	62	62	60	"	"	5	
6					"	N.W.	1			30-30	67	62	58	"	"	5	
7					North.	N.N.W.	1			30-30	69	61	57	"	"	5	
8					"	North.	1			30-30	69	60	56	"	"	5	
9					N.N.E.	"	1			30-29	70	58	57	"	"	8	
10					"	N.N.W.	2			30-28	70	57	54	"	cir. St.	9	
11					East	"	2			30-28	68	58	55	"	"	9	
Mid.					S.E.	"	2			30-27	64	58	56	"	"	8	

under the command of J. S. Snow. Commander, U. S. Navy,

Saturday, April 16th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Partially cloudy. Light to moderate breezes from S. by E. and S.S.W.

D. M. Conover
Ensign U.S.N.

4 to 8 A.M.
Fair. Gentle to light S.S.W. breeze. Uniform signals as per record.

M. O'Hulme
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs and breezes from S.W. to W.S.W. At 9. sent up topgallant masts and crossed topgallant yards. The "Nautilus" went out. Signals made; - 9, Flag. Gen., 6144; Essex to Flag, Numeral 0; - 10; Essex to Flag, Numeral 1; - 10.15 Flag to Essex 1087; 12; Essex to Flag, Numeral 157; - The Commanding Officer adjudged the following punishment: Forrest Wm, (Gr. Gunner), dirty box in Lucky bag, - 1 week quarantine.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Fair first two hours. Cloudy last two; gentle breezes from W.S.W. Sent liberty party ashore.

C. C. Vreeland
Ensign U.S.N.

4 to 8 P.M.
Fair. Light airs and breezes from W.S.W., first hour and from N.W. to N.N.W., after that. Received 360 lbs, blacksmith coal in the Engineer's Department. At 5. Flag made uniform signals.

Geo. F. W. Holman
Lieut U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs and breezes from North and N.N.W.

C. C. Vreeland
Ensign U.S.N.

Examined and found to be correct.

L. M. Garrison
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E. by S.	S.S.W.	3			30-25	60	57	54		bow	circum str	4	
2				E.S.E.	"	3			30-25	58	56	53		"	"	5	
3				South	"	3			30-23	59	52	49		bc.	cir cum	2	
4				S.W. by S.	S.W. by S.	3			30-23	59	52	50		rc.	nim.	0	
5				S.W.	S.S.W.	2			30-23	60	57	50		"	"	0	
6				"	"	2			30-23	60	53	50		"	"	0	
7				"	"	2			30-28	58	53	57		"	"	0	
8				S.W. by S.	"	2			30-28	58	54	51		"	"	0	
9				"	"	2			30-28	59	55	52		bc	cir cum	2	
10				"	S.W.	2			30-23	60	58	53		"	"	5	
11				W. by S.	"	2			30-22	62	60	57		"	"	5	
Noon.				S.W.	"	3			30-21	62	62	58		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2456 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 157 " 195 "

P. M.												
1	W.S.W.	N.W.	3	30-17	65	65	59	bc	cir cum	5		
2	W by S.	West.	2	30-15	65	65	59	"	"	2		
3	S.W.	W.S.W.	3	30-13	67	65	60	"	"	2		
4	W by N.	"	2	30-12	67	65	60	"	"	4		
5	W.N.W.	"	2	30-11	66	65	60	"	"	4		
6	N.W. by N.	N.W.	2	30-11	68	65	60	"	"	3		
7	N.N.W.	N.N.W.	1	30-11	70	65	61	"	cir cum Nim.	3		
8	North	"	1	30-10	70	65	60	O.C.	nim.	0		
9	N.N.W.	"	1	30-11	71	63	58	"	"	0		
10	N.W.	"	1	30-10	70	63	58	"	"	0		
11	N.W.E.	"	2	30-10	70	62	58	"	"	0		
Mid.	E by N.	"	2	30-07	68	62	58	"	"	0		

under the command of A. S. Snow Commander, U. S. Navy,
Sunday, April 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy with bright moon and starlight at intervals first part. Cloudy last hour. Heavy dew first part. Gentle breezes from N.W. to N.W. by N.

W. [illegible]
Lieut U.S.N.

4 o'clock to 8 A.M.

Overcast. Cool. Light breeze from N.W. Received for use of crew 110 lbs, each of fresh beef and vegetables, and 88 lbs bread. Private Dougherty returning aboard drunk was put under sentrys charge until sober. At 7 Flag made Mess signals.

Geo. F. Wolleman
Lieut U.S.N.

8 A.M. to Meridian

Cloudy. Light and gentle breezes from N.W. and N.W. At 9.30 inspected crew at quarters. Absentees as follows, Pingree J. (Ct.) Nutter C.A. (Private M.C.) Shields J. (Private M.D.). Flagship made uniform signals as per record. Made signal Numeral 3 at 9 - numeral 1 at 10 and 5 numeral 157 at 12. At 12.00 Flagship made signal 3897. and numeral 10 one Sennaet 30.

C. Munroe
Ensign U.S.N.

Meridian to 4 P.M.

Partly cloudy pleasant weather. Gentle to light breeze from N.W. to West and W.S.W. Private Nutter and Jos. Pingree Ct. returned onboard 4½ and 8 hours respectively, overtime. Private Dougherty, having been reported sober was released from sentry's charge by order of Condg. Officer.

W. [illegible]
Lieut U.S.N.

4 to 8 P.M.

Cloudy. Light and gentle breezes from W.S.W., N.W., and N.N.W. U.S.S. Basilisk came into the harbor and anchored.

C. Munroe
Ensign U.S.N.

8 P.M. to Midnight.

Cloudy. Light airs to light breeze from N.W.

W. [illegible]
Lieut. U.S.N.

Examined and found to be correct.

M. K. Simms
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 2nd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E.	N.N.W.	4			30-05	67	63	58		c.	cir cum	0	
2				N.W.	"	3			30-05	68	62	57		"	"	0	
3				"	"	2			30-04	67	61	57		"	"	0	
4				"	"	1			30-03	68	61	57		"	"	0	
5				N.W. by W.	"	3			30-02	66	62	58		ocm	"	0	
6				"	"	3			30-02	65	61	56		"	"	0	
7				N.W. by N.	"	2			30-03	64	61	57		"	"	0	
8				N.N.W.	North.	3			30-03	64	62	57		"	"	0	
9				"	N.N.W.	3			30-03	65	63	58		"	nim.	0	
10				W. by S.	"	3			30-03	65	63	60		"	"	0	
11				S.S.W.	N.W.	4			30-03	66	65	61		"	"	0	
Noon.				"	"	4			30-02	66	66	61		"	"	0	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 346 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2200 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 156 " 2035 "

P. M.																		
1			E by E	N.W.	2				29	97	67	67	63	fc	cir cumt	1		
2			"	S.W.	1				29	95	68	69	64	"	"	4		
3			"	"	1				29	93	68	68	64	"	"	3		
4			E.S.E.	Calm	0				29	93	68	68	64	"	"	2		
5			S.E. by E.	S.E.	1				29	93	67	68	66	fcm	"	4		
6			"	E.S.E.	1				29	92	69	68	65	"	"	4		
7			W. by N.	"	1				29	92	72	68	65	"	"	2		
8			N.E. by E.	"	2				29	92	72	68	65	"	"	7		
9			N. by E.	N.E.	2				29	93	74	67	64	"	"	8		
10			N.E.	North.	2				29	93	74	66	62	"	"	8		
11			E. by S.	N.N.W.	2				29	93	72	65	62	"	"	7		
Mid.				"	3				29	93	72	65	62	"	"	7		

under the command of A. S. Snow Commander, U. S. Navy,
Monday, April 18th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mod. to 4 A.M.
Overcast moderate breeze to light airs from N.W.
F. W. Ry Mann Field.
Ensign U.S.N.

4 to 8 AM.
Overcast. Cloudy and misty. Light and gentle breezes from N.W. and North. H.M.S. Beagle came into the harbor and anchored. Flagship made uniform signals as per record.
Wm Stone
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and misty. Gentle to light breze from N.N.W. and N.W. At 9.30 mustered at quarters and drilled as infantry and artillery. Privates J. Shields and R. Sherlock, and Thos Gibbons (Seaman) absent without leave. At 10.05 went to Fire quarters, 1st. stream in 50 seconds. — 2d. Stream in 1 minute. — and 3rd stream in 1 minute, 35 seconds. — Transferred 400 lbs tobacco to U.S.S. Chicago. — Rear Admiral Walker U.S.N. paid official visits to H.M.S. Cleopatra and U.S.S. Yantic. — Sent Steam launch to the Chicago in obedience to signal.
W. Harris
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Variable light airs and calms. Sent an officer to visit Beagle and Basilisk, as report on board the flagship. The visits were returned. Received on board 200 deck plugs and ½ cord of wood and one package of teas.
W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Partly cloudy pleasant weather. Light airs from S.E. to S.W. misty.
W. Harris
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine. light breze from N.E.
F. W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES *Steamer Essex*, *3rd* Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	N.N.W.	3			29.92	70	65	61		b.cm.	cir cum	4	
2				East.	"	3			29.91	69	63	60		"	"	4	
3				North.	"	3			29.89	69	62	59		"	"	4	
4				N.N.W.	"	3			29.88	68	61	58		"	"	4	
5				"	"	3			29.89	68	60	58		"	"	6	
6				"	"	3			29.88	70	60	58		bc	"	4	
7				"	"	3			29.88	64	61	59		"	"	2	
8				"	"	3			29.88	65	61	59		b.cm	"	3	
9				N.W. by N.	"	3			29.89	65	63	61		"	"	3	
10				N.N.W.	"	4			29.89	67	66	64		"	"	3	
11				S.S.W.	W.S.W.	4			29.88	69	69	66		"	"	1	
Noon.				"	"	4			29.88	70	70	67		"	"	1	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 3.58 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1842 "

Coal consumed during the preceding 24 hours, tons 760 lbs.

Coal remaining on hand at Noon, 155 " 1275 "

P. M.												
1		S.S.E.	W.S.W.	4	29.87	70	69	67	b.cm	cir cum	1	
2		S.by W.	S.W.	4	29.87	68	69	67	"	"	1	
3		"	"	4	29.87	69	68	66	"	"	1	
4		"	S.by W.	4-5	29.88	68	66	63	bc	"	2	
5		"	"	4	29.90	68	66	62	oc.	nim	0	
6		"	"	5	29.93	70	65	60	"	"	3	
7		"	"	5	29.96	71	64	59	bc	"	4	
8		"	"	5	29.98	71	63	58	b.c.c	"	6	
9		"	"	5	30.00	70	61	56	bc.	cir nim.	6	
10		"	"	5	30.03	70	59	55	b.	nim	10	
11		"	"	3-5	30.04	70	58	53	by.	"	10	
Mid.		South.	South	3-5	30.04	60	57	53	"	"	10	

under the command of U. S. Snow. Commander, U. S. Navy,
Tuesday April 19th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Cloudy and cool - barometer falling - gentle breeze from N. & W.

J. J. Newlin
Lieut. U. S. N.

4 to 8 A.M.

Generally cloudy but pleasant. Bright moon and starlight first part. misty latter part. Gentle breeze from N. & W. Flagship made time and uniform signals 3351. - 3955 - and 6375. Scrubbed hammocks.

H. [illegible]
Lieut. U. S. N.

8 A.M. to Meridian.

Fair and pleasant, gentle to moderate breeze from N. & W. and W. & N. Mustered at - inspected at quarters and exercised Gun Divisions at great guns, other divisions at stations. Made routine signals. Spanish Corvette "Colon went out.

J. W. Ry Mann Fulle.
Ensign U. S. N.

Meridian to 4 P.M.

Cloudy and damp - barometer steady - moderate to fresh breeze from Sd. and Wd. veering to Sd. - Drilled companies. Unbent starboard chain from mooring swivel. "Colon fired 13 guns in passing Chicago - which ship replied.

J. J. Newlin
Lieut. U. S. N.

4 to 8 P.M.

Partly fair, then overcast. - moderate to stiff breeze from S. by W. Flagship made routine signals.

W. Ry Mann Fulle.
Ensign U. S. N.

8 P.M. to Midnight.

Clearing. Stiff breeze from S. by W. getting puffy towards end of watch - abating in force at times to gentle breeze and hauling to South.

H. Eug. Lee Holman
Lieut. U. S. N.

Examined and found to be correct.

G. K. Lewis
Lieut - Navigator.

LOG of the UNITED STATES Steamer Essex , 3d. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	South.	4			30-06	67	57	53		bc.	cir. cum.	8	
2				"	"	4			30-05	66	57	52		"	"	8	
3				"	SW.	3			30-05	65	57	53		"	"	8	
4				"	"	3			30-05	65	57	53		"	cir cum	4	
5				S by E	"	3			30-04	65	57	52		"	"	3	
6				"	"	2			30-05	65	57	53		"	"	6	
7				SW	"	3			30-05	60	57	53		"	"	8	
8				SW. by W.	"	3			30-05	61	58	54		"	"	8	
9				SW.	South.	3			30-05	61	58	54		"	"	9	
10				"	"	2			30-05	61	59	55		"	"	9	
11				South.	"	2			30-05	65	59	54		"	"	9	
Noon.				SSE.	"	2			30-05	62	60	55		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 355 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1487 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 155 " 875 "

P. M.																	
1				South.	SSW	1			30-04	64	59			bc.	none	10	
2				"	SbE.	2			30-04	65	60			"	"	10	
3				"	SE.	1			30-03	65	60			"	"	10	
4				"	SSE.	1			30-04	65	60			"	"	10	
5				SbE	South.	1			30-03	66	59			"	"	10	
6				"	SSE.	1			30-03	68	59			bc.	cir cum Nim	9	
7				SSE	SE.	1			30-03	71	60			"	"	9	
8				SE.	"	1			30-03	72	59			"	"	9	
9				ESE.	ENE.	1			30-03	70	60			"	"	9	
10				East.	North.	1			30-03	70	59			bw.	none	10	
11				"	"	1			30-03	70	58			"	"	10	
Mid.				"	"	1			30-03	69	59			bar.	cir cum.	9	

under the command of L. S. Snow, Commander, U. S. Navy,

Wednesday April 20th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced Sunset 4 A.M.
Generally clear. Moderate to gentle breeze from the South.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant, gentle breeze from S.W. Received in Pay Department 110 lbs. beef, 110 lbs. vegetables and 88 lbs. bread.

W. R. Thurman Field.
Ensign U.S.N.

8 A.M. to Meridian.
Bright and pleasant — barometer steady — gentle to light breeze from S. — At 9.30 quarters — absentees Laird (Apt Sp); McCombe J. (Private M.C.); = Robinson J. C. Ships Corporal. Battalion drill; — Apprentices instructed in signals

J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Clear. Light airs to light breeze from S.S.W. to S.E. Laird (C.) returned from liberty 7 1/4 hrs. overtime. Signals as per record.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant — barometer steady — light airs from S.E.

J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Light airs from E.N.E. to the North.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

E. K. Lamb
Lieut. - Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				ESE.	North	1			30-04	68	58	54		bw.	none	10	
2				SE.	NE.	1			30-03	66	57	55		"	"	10	
3				E by S.	NNE.	1			30-03	65	57	55		bcw.	cir cum	8	
4				"	NNW.	2			30-02	64	57	54		"	"	4	
5				N by W.	NW.	3			30-02	63	55	53		"	"	7	
6				"	"	3			30-03	60	53	51		"	"	7	
7				"	"	3			30-04	57	53	57		"	"	7	
8				NW by N.	"	3			30-05	60	55	53		"	"	7	
9				West.	West.	3			30-05	61	58	55		bc	"	8	
10				W by S.	W by S	3			30-07	62	60	57		"	"	8	
11				SW by W.	WSW.	3			30-07	63	62	58		"	"	8	
Noon.				SW by S.	SW by W.	3			30-07	64	63	59		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 127 "

Coal consumed during the preceding 24 hours, tons 1100 lbs.

Coal remaining on hand at Noon, 154 " 2015 "

P. M.														
1			SSW.	SW by W.	3	30-07	69	64	60		fc.	cirrus str.	5	
2			"	"	3	30-07	72	64	59		"	"	5	
3			S by W.	WSW.	2	30-07	74	65	61		"	"	4	
4			"	"	2	30-07	75	66	62		"	"	6	
5			SSW.	SW.	2	30-07	73	66	62		"	"	5	
6			"	"	1	30-07	74	66	61		"	"	5	
7			S by W.	"	1	30-09	74	66	61		"	"	8	
8			SW.	"	1	30-11	74	65	60		f	none	10	
9			"	SW by W.	2	30-12	74	65	60		bc.	cir cum.	9	
10			SSE.	SSE.	3	30-13	74	63	60		bcw.	"	9	
11			"	"	3	30-14	72	62	59		"	"	8	
Mid.			South.	South.	3	30-14	71	62	58		"	"	8	

under the command of L. Snow. Commander, U. S. Navy,

Thursday, April 21st., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced (am) until 4 A.M.
Clear and pleasant. Light airs and breezes from N.E. to N.W.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant - barometer steady - Gentle breeze from N.W. A Uruguayan gunboat came in - Commenced distilling.

N. J. Nields
Lieut. U.S.N.

8 A.M. to Meridian.
Clear. Gentle breeze from the West to S.W. by W. At 9.30 general quarters. Divisions reported ready as follows, - 1st Division, 1 minute, 20 seconds; - 2d Division, 1 minute, 30 seconds; - 3rd Division 1 minute, 10 seconds; - Navigators, 1 minute, 20 seconds; - Powder Division, 2 minutes; - Engineers 50 seconds; - Marine Guard, 50 seconds; Pay Department, 30 seconds; - Surgeons 1 minute; Absent without leave McCombe J. (Private, M.C.), - Robinson J. C. (Ships Corpl.) - Commanding Officer awarded the following punishments; - Cooper J.W. (A) Shirking, - 2 night watches; - Dougherty P. (Private M.C.) returning from liberty full, - 4th Class 2 months, 2.50 Monthly Money; - Pingree J. (A). 8 hours overtime, 2d class, 1 month. - Shields T. (Private M.C.) 3 1/2 hours overtime - 4th Class, 2 months @ 2.50 Monthly Money, (am) 3 3/4 hours extra duty; - Nutter A. (Private M.C.) 4 1/2 hours overtime, - 2d class 1 month, (am) 1/2 hours extra duty; - Gibbons T. (Sea) 8 hours overtime, 2d class, 1 month; - Sherlock R. (Private), 9 1/2 hours overtime, - 2d class 1 month (am) 9 1/2 hours extra duty; Erskine T. - (Appr 2d) Kelsey F.A. (Appr. 1 class) (am) Wright T. (Appr 2d), Not tending side as Side Boys, - each 2 hours extra duty; - Laird D. (Capt Top) 7 1/4 hours overtime, 2d class 1 month. Routine signals as per record; At 11.30 Started distilling.

N.J. Nields
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Gentle to light breeze from S.W. by W, to W.S.W. Drilled according to routine. Distilling.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Fair. Light breeze to light airs from S.W. Distilling.

N.J. Nields
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Heavy dew. Light to gentle breeze from S.W. by W. to S.S.E. (am) then to South. Distilling. J. Robinson, (Corpl.) returned aboard 36 hours overtime.

H. Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

G. K. Lemon
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex. , 3rd. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.W.	3			30-14	70	64	57		bcw.	cir cum.	6	
2				"	"	2			30-14	69	64	51		"	"	7	
3				"	"	3			30-14	68	60	57		"	"	8	
4				"	"	3			30-14	67	60	56		"	"	8	
5				"	"	3			30-15	66	59	55		b	none	10	
6				"	"	3			30-15	66	59	55		bc.	cum.	9	
7				SW.	"	2			30-15	63	50	56		"	"	9	
8				W.SW.	"	2			30-15	64	60	56		b	none	10	
9				"	W.SW.	2			30-17	66	61	57		"	"	10	
10				W by S.	S.W.	2			30-19	69	62	57		"	"	10	
11				S.W.	"	2			30-19	68	62	57		"	"	10	
Noon.				"	W.S.W.	3			30-19	68	63	58		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 375 gallons.

Water distilled during the preceding 24 hours, 2320 "

Water remaining on hand fit for use at Noon, 3072 "

Coal consumed during the preceding 24 hours, / tons 2060 lbs.

Coal remaining on hand at Noon, 152 " 2195 "

P. M.														
1			SW by S.	W.SW.	3	30-16	70	63	58		b	none	10	
2			South.	"	3	30-15	71	65	60		"	"	10	
3			S.E. by S.	"	3	30-14	69	65	60		bc.	cir.cum.	9	
4			"	"	3	30-14	69	64	59		"	"	9	
5			East.	West.	/	30-12	69	64	60		"	"	9	
6			N.E. by E.	N.W.	/	30-12	70	63	59		"	"	9	
7			"	"	/	30-12	72	61	57		"	"	9	
8			"	"	/	30-12	72	60	56		"	"	9	
9			"	"	/	30-12	72	58	55		"	"	9	
10			North	N.NW.	/	30-12	72	57	53		bw.	none	10	
11			"	"	/	30-12	72	55	52		"	"	10	
Mid.			"	"	/	30-11	71	55	52		"	"	10	

under the command of A. L. Snow, Commander, U. S. Navy,

Friday, April 22d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cantel 4 A.M.

Cloudy and clearing. Light and gentle breezes from S.S.W.

E. Wilcox
Ensign, U.S.N.

4 to 8 A.M.

Clear. Gentle to light breeze from S.S.W. At 7.30 H.M.S. Beagle got under way and stood out. Received for use of crew 107½ lbs. each Beef & Vegetables & 86 lbs Bread. Uniform signals as per record.

W.O. Wilcox
Ensign U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Light to gentle breeze from W.S.W. to S.W. At 9.30 mustered at quarters. W. Kombel Private absent. Drilled according to routine. Distilling. At 9 signalled to Flag Num 1, at 10.00 Num. 1, & at 12 Num 153. Received ith Ordnance Department, 1 piece of brass 30 × 12 × 3/16 & 6' of ½" copper rod.

Geo. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Gentle breezes from W.S.W. At 1 flagship made signal 2984. Exercised sections - Engineers Division at infantry. Stopped distilling and let fires die out. H.M.S. Basilisk, got under way and stood out. Sent liberty party ashore.

E. Wilcox
Ensign U.S.N.

4 o'clock to 8 P.M.

Clear and pleasant. Light airs from West to N.W. At 5, Flag made uniform signals.

Geo. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and pleasant. Light airs from N.W. and N.N.W.

E. Wilcox
Ensign U.S.N.

Examined and found to be correct.

E. K. Lamb
Lieut., Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d Rate,
Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.N.W.	North.	2			30-09	69	55	52		b.w.	Horiz.	10	
2				N.W.	N.N.E.	2			30-08	66	55	53		"	"	10	
3				"	"	2			30-07	65	55	52		"	"	10	
4				N.N.E.	"	2			30-05	64	55	52		"	"	10	
5				N.E.	N.E.	2			30-04	63	54	51		"	"	10	
6				N.E.	N.W.	2			30-04	62	53	50		"	"	10	
7				North.	N.N.W.	2			30-04	60	53	50		b.c.	circum	9	
8				"	"	2			30-04	59	53	50		"	"	9	
9				"	"	2			30-04	60	56	52		"	"	9	
10				N.N.W.	"	1			30-04	61	60	56		"	"	9	
11				"	"	1			30-04	63	64	59		"	"	9	
Noon.				"	West.	1			30-03	64	66	61		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 367 gallons.

Water distilled during the preceding 24 hours, 98 "

Water remaining on hand fit for use at Noon, 2793 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 152 " 1795 "

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
P. M.																	
1				W.N.W.	S.W.	3			30-02	65	68	63		b.c.	cir cum	8	
2				West.	"	2			30-01	66	67	62		"	"	6	
3				"	"	1			30-01	68	68	64		"	"	6	
4				"	"	1			30-01	69	69	64		"	"	6	
5				S.S.E.	"	1			30-01	69	68	64		"	circumlum	3	
6				S. by E.	S.S.W.	1			30.00	71	68	64		"	"	2	
7				"	"	1			30-01	73	68	65		b.c.	"	3	
8				East.	N.N.W.	2			30-02	72	67	63		"	"	4	
9				N. by E.	"	1			30-04	73	65	61		"	"	4	
10				North.	"	1			30-06	72	64	60		"	"	5	
11				W.S.W.	W.S.W.	2-3			30-07	72	64	60		b.q.	"	4	
Mid.				S.W. by W.	S.W.	2-4			30-07	72	63	61		b.q.l.	"	2	

under the command of A. S. Snow, Commander, U. S. Navy,
Saturday April 23d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced until 4 A.M.
Clear, light, starlight with moon last hour, Heavy dew.
Light breeze from North to N.N.E.

W. T. Wrenn
Lieut. U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Light breeze from N.E. first hour and then from N.E. to N.N.E. At 7. Flag mate dress signals. At 7.45 "Magpie" went out.

H. Leigh Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light airs and breeze from N.N.W. and West. At 9.30 Flagship made signal to pipe hammocks. Made following signals to flagships, - At 9.00 numeral 1; at 10.06 numeral 1. and at 12 numeral 152. Jas McCombe (Private) was absent without leave.

A. Marony
Ensign U.S.N.

Meridian to 4 P.M.
Partly cloudy pleasant weather. Gentle bridge to light airs from S.W.

W. T. Wrenn
Lieut. U.S.N.

4 to 8 P.M.
Cloudy. Lightning to S'd and W'd. Light airs from S.S.W. and S.W. Flagship made uniform signals as per record.

A. Marony
Ensign U.S.N.

8 P.M. to Midnight.
Partly cloudy first part, cloudy latter part of watch. Light airs till 10.30 then gentle to moderate breeze - light squalls - Threatening latter part.

W. T. Wrenn
Lieut. U.S.N.

Examined and found to be correct.

E. K. Lunt
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Osceola, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	South.	4			30-07	71	63	62		fc.	cir cum	2	
2				South.	"	5			30-07	71	62	60		"	"	1	
3				"	"	5			30-07	69	61	59		o.c.	cum nimb	0	
4				"	"	5			30-07	68	59	57		"	"	0	
5				S.S.E.	S.S.E.	5			30-09	67	59	57		fc.	"	5	
6				"	"	5			30-11	63	59	56		"	"	7	
7				"	"	4.5			30-11	62	58	56		"	cir cum nim	1	
8				S.by.S.	"	3-4			30-13	62	58	55		"	"	1	
9				"	S.by.S.	3			30-15	64	58	55		oc.	nim	0	
10				"	"	3			30-17	62	58	55		fc.	cir cum nim	2	
11				S.E. by E.	S.E.	3			30-17	64	59	56		"	"	3	
Noon.				N.E.	"	3			30-18	64	61	57		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 353 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2440 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 152 " 1395 "

P. M.														
1		N.by.W.	S.E.	2		30-17	63	64	59		fc	cir cum	6	
2		N.by.W.	South.	2		30-17	63	65	59		"	"	6	
3		South.	"	2		30-17	64	63	58		"	"	7	
4		S.S.W.	S.S.W.	2		30-17	64	60	56		"	"	7	
5		S.E.	"	2		30-17	64	59	56		f	none	10	
6		"	"	2		30-18	67	59	56		"	"	10	
7		"	S.S.E.	1		30-18	69	59	55		"	"	10	
8		E.S.E.	S.E.	1		30-18	69	58	54		"	"	10	
9		"	N.E.	2		30-18	69	58	55		hz	"	10	
10		"	"	2		30-18	69	58	55		"	"	10	
11		S.E. by E.	North	2		30-20	68	58	55		"	"	10	
Mid.		E. by S.	"	3		30-21	65	57	54		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday April 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Partly cloudy, then overcast. Moderate to stiff breeze from South.
W. Roy Mann Field.
Ensign U.S.N.

4 to 8 A.M.
Cloudy. Gentle to moderate breezes from S.S.E. Exercised morning orders. Flagship made uniform signals as per record. Received in Pay Department, 108¾ lbs fresh beef and vegetables and 87 lbs soft bread.
C. McKean
Ensign U.S.N.

8 AM to Meridian.
Cloudy clearing weather. Gentle breeze from S.S.W. to S.E. At 9.30 mustered at quarters and Commanding Officer inspected ship and crew. Private J. H. Combs absent without leave.
W. Harrison
Lieut. U.S.N.

Meridian to 4 P.M.
Fair and pleasant; — light breeze from S.S.E. to S.S.W.
W. Roy Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. Bright starlight latter part. Light breeze to light airs from S.S.W. and S.S.E.
W. Harrison
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant; — light breeze from N.E. and E.
W. Roy Mann Field.
Ensigned U.S.N.

Examined and found to be correct.

E. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay,

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East	North.	1			30.20	64	54	52		Clear.	none	10	
2				"	"	1			30.19	64	54	52		"	"	10	
3				E.S.E.	"	1			30.19	57	54	52		"	"	10	
4				"	"	1			30.19	58	54	52		"	"	10	
5				"	"	2			30.19	58	53	51		"	cum	6	
6				"	N.N.W.	2			30.20	56	54	51		"	"	6	
7				S.E.	"	2			30.20	55	54	52		Fog mist	cum str	1	
8				S.E. by S.	N.N.E.	2			30.22	57	54	52		"	"	3	
9				S.E.	North.	2			30.22	58	57	54		"	"	8	
10				"	"	1			30.23	59	60	58		"	"	9	
11				"	"	1			30.24	62	63	58		"	"	9	
Noon.				"	"	1			30.23	63	65	60		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 20 76 "

Coal consumed during the preceding 24 hours, tons 1300 lbs.

Coal remaining on hand at Noon, 152 " 95 "

P. M.														
1			North	South.	2			30.22	64	66	61	Fog	cir cum	7
2			N.W.	S.S.W.	2			30.19	64	67	62	"	"	6
3			W.N.W.	West.	3			30.18	64	65	61	"	"	7
4			W. by N.	"	3			30.19	64	63	58	"	"	7
5			West.	W.S.W.	2			30.19	64	62	59	"	"	7
6			W.S.W.	"	2			30.19	68	62	59	"	"	8
7			S.W. by W.		2			30.20	69	62	60	"	"	9
8			S.W.	"	2			30.20	70	63	61	"	"	9
9			South.	S.W.	2			30.21	70	64	61	Fog	mist	10
10			S.S.W.	"	1			30.22	70	64	61	"	"	10
11			S.W.	"	2			30.22	70	64	61	"	"	10
Mid.			"	W.N.W.	1			30.23	67	63	61	"	"	10

under the command of R. S. Snow, Commander, U. S. Navy,
Monday April 25th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 12 M until 4 P.M.
Clear and pleasant. Barometer steady. light airs from N.

J. J. Newton
Lieut. U.S.N.

4 to 8 P.M.
Clear first part; cloudy but pleasant latter part. Misty. Light breez from East to N.N.E. Received 108 lbs. fresh beef, 18 lbs vegetables and 87 lbs soft bread in Pay Department.

W. [illegible]
Lieut. U.S.N.

8 P.M. to Meridian.
Clear and fine; light breeze to light airs from N. Mustered at quarters and exercised at Infantry, Artillery, and Pontons. A. Clarke, (2d C.T.) absent without leave. Made routine signals. Lowered Catamaran and scrubbed copper and white stripe. Painted the Poop.

W. Ry Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant - Barometer falling slowly. Wind from E, and from W'd. Exercised boats singly under oars. - Rated R. Miller Steerage Steward from April 6th 1892. - Received in Construction Repair Department, 2 - 12 foot deck planks.

J. J. Newton
Lieut U.S.N.

4 to 8 P.M.
Clear and fine; - light breze from N.W. Flagship made routine signals.

W. Ry Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant; - clouding over last hour; - barometer steady; - wind light and variable.

J. J. Newton
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. - Navigator.

LOG of the UNITED STATES — Steamer Essex — 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				NW by W.	NNW.	1			30-22	67	63	61		oc.	nims	0	
2				NW.	"	1			30-22	67	63	61		"	"	0	
3				"	NW.	1			30-22	67	62	60		"	"	0	
4				WNW.	"	3			30-22	67	60	58		"	"	0	
5				"	NNW.	2			30-21	65	58	56		"	"	0	
6				NW	"	2			30-21	62	59	57		"	"	6	
7				ENE.	"	2			30-21	62	59	58		fair.	cir cum	4	
8				"	NW.	2			30-22	61	60	59		"	"	5	
9				Nby E.	NNW.	1			31-23	63	61	60		"	"	6	
10				NW.	WNW.	1			30-23	68	63	61		"	"	6	
11				"	"	2			30-24	65	64	62		"	"	6	
Noon.				West.	WNW.	1			30-24	65	64	62		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 375 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1608 "

Coal consumed during the preceding 24 hours, tons 800 lbs.

Coal remaining on hand at Noon, 157 " 1535 "

P. M.																	
1				WNW.	WSW.	3			30-23	63	64	62		fc	cir cum	8	
2				"	"	2			30-23	66	65	63		f	none	10	
3				West.	"	1			30-23	64	64	62		"	"	10	
4				"	"	1			30-23	65	64	62		"	"	10	
5				WNW.	WbyS.	2			30-22	65	63	63		"	"	10	
6				Wbyd	"	1			30-22	67	64	61		"	"	10	
7				SSE.	NW.	1			30-21	67	64	62		fair.	"	10	
8				SEbyS.	NNW.	2			30-22	67	64	62		"	"	10	
9				"	"	1			30-23	68	62	60		"	"	10	
10				East.	"	1			30-23	67	62	60		"	"	10	
11				Nbyw.	"	1			30-23	63	59	58		"	"	10	
Mid.				NNW.	"	1			30-23	65	57	56		"	"	10	

under the command of A. S. Snow, Commander, U. S. Navy,
Tuesday April 26th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Gentle & Fresh.
Overcast. Light airs from N. N. W. to N. W.

W. O. Hulme
Ensign. U. S. N.

4 to 8 A.M.
Overcast. Sheet clearing; light breeze from N. N. W. and N. W. Executed morning orders.

W. Ry Mason Jr.
Ensign. U. S. N.

8 A.M. to Meridian.
Clear and pleasant. - barometer steady; - light airs from W. At 9.30 quarters. Absent without leave Alex Clark. (2d C. F.) First, Second and Third Divisions great guns; - Powder, stations. Enlisted Alfred Ed. Gordon as L. S. for the Cruise; - discharged Jno Geiser, Sea at his own request waiving all claims to transportation or consular aid, P. S. N. Siguira came in. -

N. J. T. Newlon
Lieut. U. S. N.

Meridian to 4 P.M.
Clear. Gentle breeze to light airs from W. S. W. At 1.00 Flagship made 298 ft. At 1.30 - prep. 13, - at 2.00 - 242; and at 2.45, 2438, Exercised boats under oars.

W. O. Hulme
Ensign. U. S. N.

4 to 8 P.M.
Clear and pleasant - barometer steady - light airs from W.

N. J. T. Newlon
Lieut. U. S. N.

8 P.M. to Midnight.
Clear. Light airs from S. S. W.

W. O. Hulme
Ensign. U. S. N.

Examined and found to be correct.

G. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex ,3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	BAROMETER. Height in inches.	Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	2			30-23	64	55	54		hw	none	10	
2				"	"	2			30-23	63	55	54		"	"	10	
3				"	"	3			30-23	62	54	53		"	"	10	
4				North.	North	3			30-21	62	52	51		"	"	10	
5				"	"	3			30-21	60	51	50		"	"	11	
6				"	"	3			30-21	60	51	50		hzy.	cum	9	
7				S.S.W.	"	3			30-20	56	53	52		hzy	"	9	
8				S.S.E.	"	3			30-20	56	54	53		"	"	9	
9				S.E.by S.	"	3			30-20	57	57	55		hz	cir cum	9	
10				N.E.	N.N.W.	3			30-23	62	59	61		"	"	9	
11				N.N.W.	West.	3			30-23	63	63	63		"	"	9	
Noon.				N.W.by W.	"	3			30-22	63	65	62		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 346 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1352 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 167 " 1135 "

P. M.												
1		N.W.	N.N.W.	2	30-21	64	65	63	hz.	cir. cum.	8	
2		"	"	2	30-18	64	64	62	"	"	9	
3		W.N.W.	West.	2	30-16	64	64	63	"	"	9	
4		N.W.	"	2	30-16	64	64	63	"	"	8	
5		"	"	2	30-15	64	65	63	"	"	9	
6		"	S.W.	1	30-14	67	65	63	fine	none	10	
7		S.by E.	Calm	0	30-13	69	65	63	"	"	10	
8		S.E.	N.E.	1	30-13	69	65	63	"	"	11	
9		S.E.by S.	"	2	30-13	68	63	60	hz.	"	11	
10		S.E.	"	2	30-13	67	61	59	"	"	10	
11		E.by N.	"	2	30-13	66	61	59	"	"	10	
Mid.		North.	"	2	30-12	66	60	57	"	"	10	

under the command of A. S. Snow Commander, U. S. Navy,
Wednesday April 27th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 AM.
Clear and pleasant. Gentle breeze from S.S.W. to South.
A very heavy dew.

H. Jugo Lieut. Holman
Lieut. U.S.N.

4 to 8 AM.
Clear and pleasant - barometer steady - gentle breeze from North. Received in Pay Department - 188¾ lbs fresh beef 90¾ lbs vegetables - 87 lbs soft bread. Spanish gunboat Colon came in.

J. T. Newton
Lieut. U.S.N.

8 AM to Meridian.
Clear. Gentle breeze from the South to the West. At 9.30 inspected at quarters, absent A. Clark (2d cl. F.), Exercised 1st and 2d Companies as infantry. Routine signals as per record. Sent boarding officer to Spanish Cruiser Colon.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 PM.
Clear and pleasant. Light breezes and airs from W.S.W. and West. A. Clark (2d cl. F.) returned 5 3/2 hours overtime. At 2.35 the Bennington came in and anchored in the outer harbor. An officer from the Colon paid an official visit aboard. Transferred to the Flagship, with bags hammocks and papers, the following people J. M. Falvey (Seaman Gunner), P. Gavin (2d cl. F.) - Cannon (2d cl.), Cloyd, E. L., Punt. C. and Rozen A. (Seaman Apprentices 1st class), Linchey W. (C.H.) and Fellowes, W. (Lds). Received from the Flagship, with bag, hammock and papers A. J. Myers, (Sea). The following signals were made, 1,-Flag - Jen, 298; 2.15 Bennington, Distinguishing Pennant; 220 Flag to Bennington 89; 236 - Bennington to Flag Dat. 4557, Answered, affirmative. 236 Flag to Bennington 6 00.

H. Jugo Lieut. Holman
Lieut. U.S.N.

4 to 8 PM.
Clear. Light breeze from the West to SW and Calm. Uniform signals as per record.

W. O. Hulme
Ensign. U.S.N.

8 PM to Midnight.
Clear and pleasant, - Light breeze from N.E. Heavy dew.

H. Jugo Lieut. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	North.	1			30-12	66	59	56		fair	cir cum	8	
2				"	"	1			30-11	64	58	55		"	"	9	
3				"	"	1			30-11	64	58	54		"	"	9	
4				"	"	1			30-10	63	56	54		"	"	8	
5				N.by W.	"	2			30-16	62	57	54		"	"	8	
6				"	"	2			30-16	62	55	53		"	"	8	
7				N.E.	N.N.E.	2			30-06	58	55	53		fair	"	7	
8				E.S.E.	"	3			30-07	61	56	54		"	"	7	
9				S.E.by S.	N.E.	3			30-06	62	58	56		"	"	5	
10				E.N.E.	North	3			30-06	63	62	59		"	"	6	
11				North.	"	3			30-04	66	63	61		"	"	5	
Noon.				"	"	3			30-02	67	64	62		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 410 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 9462 "

Coal consumed during the preceding 24 hours, tons 2000 lbs.

Coal remaining on hand at Noon, 50 " 1375 "

P. M.																	
1				N by W.	North.	3			30.00	68	70	64		fair	cir cum	2	
2				"	"	3			29.99	71	70	64		"	"	2	
3				"	N. by W.	3			29.98	71	72	66		"	"	3	
4				N.W.	N.W.	2			29.97	70	71	66		"	"	2	
5				"	S.W.	1			29.96	69	70	67		"	"	2	
6				"	South.	1			29.97	71	70	68		fair	cum nim	1	
7				"	S.E.	1			29.97	71	70	68		fair	"	1	
8				S.S.W.	Calm.	0			29.97	71	69	67		fair	"	1	
9				S by E.	"	1			29.96	71	69	67		"	"	4	
10				South.	N.N.E.	1			29.95	72	69	67		fair	"	4	
11				"	N.N.W.	1			29.95	70	68	66		rain	"	8	
Mid.				"	"	2			29.95	70	68	66		"	"	8	

under the command of A. S. Snow, Commander, U. S. Navy,

Thursday April 28th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences 2nd until 4 A.M.
Clear and pleasant. Light airs from North.
The U.S.F.S. Chicago left the harbor.

Clexton
Ensign U.S.N.

4 to 8 A.M.
Clear Light breeze from the South to N.E. Uniform Signals as per record.

W.O. Wulue
Ensign U.S.N.

8 A.M. to Meridian
Fair. Gentle breeze from NE, to North. At 9.30 went to general quarters, Times of casting loose, First Division ready 1 min, 35 seconds; Second Division ready - 1 min. 40 seconds; - Third Division ready 2 minutes; - Navigators Division ready 1 min, 30 seconds; Powder Division ready 1 min, 45 seconds; Engineers, 45 seconds; - Marine Guard, 50 seconds; - Pay Department, 20 seconds; - Surgeons, 45 seconds, - The Commanding Officer adjudged the following punishments, viz; -
Robinson J. (Ships Corporal) 36 hours overtime, reduced to 4th class 2 mos, and $2.50 Monthly Money; = McCarthy W (Cpl) Out of uniform - no shirt. 2 night watches; = Quigley J. (Private) Insolent to Chief of squad when ordered to clean 3 in. B.L.R, - 48 hours extra duty; = McComber (Private) 18 hours overtime, - 4th class 3 mos., and 2nd $2.50 Monthly Money, and 18 hours extra duty; = Miller G. Barber Drunk and unfit for duty - 4th Class 1 month. and $2.50 Monthly Money; = Nygren A (Ships Cook), Taking paint without order - 2nd class 2 weeks; = Clark A. (1st class) 5 3/2 hours overtime, - 4th class 3 months and 2nd $2.50 Monthly Money, - By order of the Commanding Officer J McKinnon (Sea) was rated Quarter Gunner from date.
The Commanding Officer of the Colon paid an official visit. At 9 made signal Numeral 0; at 10, Num, 1; and at 12. Num, 151. Started fires for distilling.

H. Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy. Gentle breezes from North to N.W. Drilled sections at infantry. Board of Survey condemned in Pay Department 5 lbs Prunes, and recommended that they be thrown overboard.

Clexton
Ensign U.S.N.

4 o'clock to 8 P.M.
Cloudy. Light airs from N.W. shifting to S.S.W. first hour and then hauling to S. Light rain second hour. Lightning in S.W. to East third hour; Distilling. Inspected dry guncotton.

H. Geo. F. W. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Cloudy with lightning to N.E., Calm to light breezes from N.E. to N.W. Distilling.

Examined and found to be correct.

Clexton
Ensign U.S.N.
H. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N. by E.	N.W.	2			29-94	67	68	66		t.c.lw.	cr cumm	4	
2				NW by N.	North.	1			29-94	68	67	65			"	6	
3				"	"	1			29-94	68	66	64			"	7	
4				"	"	1			29-94	68	66	64			"	6	
5				N.W.	N.N.W.	2			29-95	68	65	63			"	7	
6				W.N.W.	"	2			29-96	68	64	63		b.sm	"	5	
7				W by N.	"	2			29-97	65	63	62		l.sf.	"	5	
8				SW by W.	"	2			29-98	65	64	62		"	"	3	
9				S. by E.	Calm	0			29-99	66	64	63		b.sf.	"	4	
10				S.SE.	N.W.	1			29-99	68	65	64		b.sm.	"	4	
11				ESE.	SW.	1			29-99	68	66	65		b.sf.	"	4	
Noon.				SE by E.	"	2			29-98	65	67	65		"	"	1	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 376. gallons.

Water distilled during the preceding 24 hours, 2218. "

Water remaining on hand fit for use at Noon, 2784. "

Coal consumed during the preceding 24 hours, 1 tons 1160 lbs.

Coal remaining on hand at Noon, 149 " 215 "

P. M.																	
1				SE.	W.SW.	3			29-97	67	65	64		c.c.fw.	mists	0	
2				"	"	1			29-97	66	64	63		"	"	0	
3				East	S.SW.	2			29-97	67	65	64		"	"	0	
4				ESE.	South.	3			29-96	67	63	62		"	"	0	
5				N. by E.	SSE.	3			29-97	67	63	62		"	"	0	
6				"	S.E.	3			29-98	72	64	63		c.sm	"	0	
7				"	E.N.E.	2			30-00	76	65	64		f.sm.	"	2	
8				NE by E.	S.E.	2			30-01	75	66	64		b.c.	cirrocumm	2	
9				ESE.	East.	1			30-02	75	65	64		f.sm.	"	2	
10				SSE.	SE.	1			30-02	74	66	65		"	"	2	
11				SE.	NE.	1			30-02	73	67	66		c.sm.	"	1	
Mid.				"	"	1			30-02	73	67	66		c.lw.	"	0	

under the command of A. S. Snow, Commander, U. S. Navy,
Friday April 29th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.

Fine pleasant weather. Dim starlight. Lightning to N.E. Light breeze to light airs from S.W. & South. Distilling.

F. F. Rhodes
Lieut. U.S.N.

4 o'clock to 8 A.M.

Fair overhead. Fog set in after first hour, getting thick toward end of watch. Lightning in S.W., South, S.E. & North quarters first part. Light breeze from S.S.W. Received for use of crew 103 7/8 lbs. each fresh beef and vegetables and 83 lbs. soft bread. Distilling.

H. Jaq. Tillotson
Lieut. U.S.N.

8 A.M. to Meridian.

Cloudy and foggy. Calm to light breezes from S.W. & S.W. At 9.30 mustered at quarters & drilled at divisional exercises. Distilling.

D. McNair
Ensign U.S.N.

Meridian to 4 P.M.

Foggy & damp. Light airs to gentle breeze from W.S.W. to South. Exercised Engineer's division as infantry & Companies at company drill. Distilling.

F. F. Rhodes
Lieut. U.S.N.

4 to 8 P.M.

Cloudy and misty, foggy first hour. Light and gentle breezes from S.S.E., S.E., & S.E. — Stopped distilling and let fires die out.

C. McNair
Ensign U.S.N.

8 P.M. to Midnight.

Foggy first part. Cloudy and wet with lightning latter part. Light airs from East to S.E. and N.E.

W. F. Rhodes
Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut., Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North.	3			30-02	73	67	66		o.c. l	cum-str.	0	
2				"	"	1			29-99	73	67	66		c.c.l.t.	cum-nim	0	
3				N.N.W.	"	1			30-00	71	67	66		"	"	0	
4				"	"	1			30-00	71	67	66		o.c.l.t.r.	"	0	
5				N.W.	"	2			30-00	70	67	66		"	"	0	
6				N. by W.	"	2			30-01	70	67	66		"	"	0	
7				N.N.W.	"	3			30-03	68	67	66		o.c.l.r.	"	0	
8				N.W.	"	3			30-05	67	66	65		o.c.r.	"	0	
9				N.W. by W.	N.W. by W.	2			30-06	69	67	66		o.c.d.	"	0	
10				S.E. by S.	W.N.W.	2			30-06	68	67	66		t.o.	cir cum nim	2	
11				S.S.E.	"	3			30-06	69	68	67		"	"	4	
Noon.				"	West.	4			30-06	69	68	67		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 380. gallons.

Water distilled. during the preceding 24 hours, 546. "

Water remaining on hand fit for use at Noon, 2950 "

Coal consumed during the preceding 24 hours, tons 1100 lbs.

Coal remaining on hand at Noon, 148 " 1355 "

P. M.												
1		S.W. by S.	W.S.W.	3	30-05	68	65	65	t.o.	cum-nim	5	
2		S.S.E.	South.	3	30-06	68	65	65	o.o. m	nimbus	0	
3		"	S.S.E.	3	30-07	69	65	64	"	"	0	
4		"	"	2	30-07	68	64	63	t.o. m.	"	3	
5		South.	S.E.	3	30-09	67	64	63	o.o.	"	0	
6		"	"	3	30-11	71	64	63	"	"	0	
7		S.E.	"	3	30-13	72	63	61	"	"	0	
8		S.E. by E.	S.E. by E.	3	30-15	72	63	62	t.o.	cir cum	2	
9		"	"	3	30-16	71	63	61	"	"	1	
10		"	"	3	30-17	72	63	61	t.o.	"	1	
11		"	"	3	30-18	72	63	61	"	cum-nim		
Mid.		"	"	3	30-18	71	62	61				

under the command of P. S. Snow Commander, U. S. Navy,
Saturday, April 30th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Cuadil 4 P.M.
Overcast, cloudy and lightning, gentle breeze to light airs from North.

W. Ry Mason Jr.
Ensign U.S.N.

4 to 8 P.M.
Cloudy and raining all the watch. Light and gentle breezes from North. Executed morning orders.

D. Nevins
Ensign U.S.N.

8 P.M. to Meridian
Cloudy and raining first hour, clearing latter part. Light breeze from N.W. by West, shifting to West and increasing to moderate breeze latter part.

F. H. Harris
Lieut U.S.N.

Meridian to 4 P.M.
Fair, then overcast, gentle breeze from W.S.W. to S.S.E.

W. Ry Mason Jr.
Ensign U.S.N.

4 P.M. to 8 P.M.
Cloudy, first part, Clearing. Gentle breeze from S.E. and S. by E.

F. H. Harris
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and pleasant, gentle breeze from S.E. by E.

W. Ry Mason Jr.
Ensign U.S.N.

Examined and found to be correct.

Le. K. Simons
Lieut. Navigator.

LOG of the UNITED STATES *Steamer Essex*, 3rd Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.E.	S.E.	2			30-18	70	62	60		fair.	cir. cum.	9	
2				E.S.E.	"	1			30-18	69	62	60		"	"	9	
3				"	"	1			30-19	68	62	60		"	"	9	
4				"	"	1			30-19	68	62	60		"	"	9	
5				N.E. by E.	"	1			30-18	65	62	60		"	"	9	
6				North.	"	2			30-17	65	62	60		lc	cir. str.	9	
7				N.E.	"	2			30-18	65	62	60		"	"	8	
8				N.E. by E.	E.S.E.	2			30-20	65	62	60		fair.	"	8	
9				East.	N.E.	2			30-21	68	64	61		b.	none	10	
10				E. by S.	East.	1			30-21	67	65	61		"	"	10	
11				S.E.	E.N.E.	3			30-21	69	68	61		"	"	10	
Noon.				"	N.E.	2			30-19	67	67	62		"	"	10	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2588 "

Coal consumed during the preceding 24 hours, tons 1300 lbs.

Coal remaining on hand at Noon, 148 " 55 "

P. M.												
1		S.E. by E.	E.S.E.	3	30-17	68	66	62	lc.	cir. cum.	7	
2		"	"	3	30-15	68	66	62	"	"	8	
3		E. by S.	"	3	30-14	68	64	61	"	"	8	
4		"	E. by S.	3	30-14	69	64	61	"	"	8	
5		N.E.	N.E.	2	30-13	69	64	61	"	"	5	
6		"	"	1	30-13	69	64	61	"	"	6	
7		"	"	1	30-13	71	64	61	"	"	4	
8		N. by E.	"	2	30-13	71	64	61	"	"	4	
9		"	N.E.	3	30-12	71	63	60	"	"	8	
10		East.	"	2	30-12	70	61	59	"	"	8	
11		E.N.E.	"	3	30-10	70	62	59	"	"	9	
Mid.		"	"	3	30-10	69	61	59	"	"	9	

under the command of A. S. Snow, Commander, U. S. Navy,

Sunday May 1st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (am) until 4 A.M.

Clear and pleasant; barometer steady; light airs from S.E.

S. J. T. Newlin
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Misty along horizon last hour. Light airs to light breeze from E.S.E. to E.S.E. Received 103 3/4 lbs. fresh beef, 103 3/4 lbs vegetables, (am) 83 lbs soft bread in Pay Department. U.S.S. Atlanta, made time and uniform signals 3350, Despatch, 3962 (am) 6370

W. [illegible]
Lieut. U.S.N.

8 AM to Meridian.

Clear (am) fine; light airs to gentle breeze from E. to S.E. Mustered at quarters and afterwards held general muster (am) read Articles for Better Government of the Navy. Made routine signals. Flagship made uniform signals.

J. W. Ry Mason Jr.
Ensign U.S.N.

Meridian to 4 PM.

Clear (am) pleasant - barometer falling slowly - gentle breeze from E.S.E. Salvation Army meeting on board.

N. J. T. Newlin
Lieut. U.S.N.

4 to 8 P.M.

Fair and pleasant; light breeze to light airs from E.S.E.

F. W. Ry Mason Jr.
Ensign U.S.N.

8 PM to Midnight.

Clear and pleasant. Barometer steady. gentle to light breeze from N.E.

N. J. T. Newlin
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex., 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North.	4			30-09	68	61	59		fc	Cir Cum Nim.	4	
2				N.E by N.	"	4			30-07	67	61	59		"	"	1	
3				North.	"	4			30-06	67	61	59		"	"	2	
4				"	"	4			30-04	67	61	60		"	"	5	
5				N. by W.	"	3			30-03	67	62	61		"	Cir Cum	8	
6				"	"	3			30-02	65	62	61		"	"	6	
7				"	"	3			30-01	65	62	61		"	Cir Cum Nim.	2	
8				"	"	3			30-02	65	63	62		"	"	1	
9				N.N.W.	"	2			30-01	66	63	62		bcd	"	2	
10				North.	N.N.W.	2			30-01	67	64	63		bc	"	4	
11				N.N.W.	"	2			30-01	67	65	64		bc	"	0	
Noon.				S.E.	N.W.	3			30-01	68	66	65.		bc	"	2	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 358 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2230 "

Coal consumed during the preceding 24 hours, tons 400 lbs.

Coal remaining on hand at Noon, 147 " 1895 "

P. M.												
1	S.S.E.	W.S.W.	2	29-96	68	68	66	fc.	cir cum	6	
2	S.E.	"	2	29-94	69	68	66	"	"	4	
3	"	"	2	29-92	69	68	66	"	"	4	
4	E.S.E.	"	1	29-90	69	68	66	"	"	8	
5	E by S.	S.S.W.	1	29-90	69	68	66	"	"	8	
6	East.	S.E.	1	29-90	71	68	66	"	"	8	
7	E.S.E.	"	1	29-90	72	69	67	fcu.	"	8	
8	S.E.	"	1	29-90	73	67	66	"	"	8	
9	S.E.	Calm.	0	29-89	74	66	65	fcu lm.	"	8	
10	"	S.E.	1	29-91	74	65	64	fclw	"	7	
11	East.	"	1	29-85	72	65	62	"	"	6	
Mid.	S.E.	S.S.E.	2	29-82	72	65	64	rclr.	"	0	

under the command of A. S. Snow, Commander, U. S. Navy,

Monday, May 2d, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences @ until 4 A.M.
Cloudy. Moderate breezes from the North.

W. O. Burlew
Ensign U.S.N.

4 to 8 A.M.
Fair then clouding up: gentle breeze from N. Received in Pay Department 103 3/4 lbs fresh beef, 103 3/4 lbs fresh vegetables @ 83 lbs bread.

W. Ry Mason Field
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. - barometer steady - light breeze from N'd. and W'd. At 9.30 quarters. No absentees. Changed rate of Robinson, from Sea Cadet to Seaman. Confined Peter Hand (W.T.) 5 days on bread and water for using disrespectful language about an officer. - by order Commanding Officer.

N. J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy first part, clearing last part. Light breeze from N.W. Exercised 2d and 3d Companies at setting up exercises. Transferred to U.S.S. "Atlanta" with bags hammocks and papers. The following named men Robinson O. (Sea); Callan J. A. (Chief Appr.). Received from U.S.S. Atlanta with bags, hammocks and papers the following men: - Collins T. F. (Appr. 2d Cl.), Patterson W. R. (Appr. 2d Cl.), Van Riper, S. (1st Cl. Appr.); - Rowe L. C. (1st Cl. Appr.). Mead W. (Appr.) Ramsay W. (Appr. 2d Cl.); Zimmerman F. K. (Sea) Connelly J. (Sea) Rasmussen C. (Sea); Connelly J. E. (Cadet) Cornell J. T. (Cadet); Sahlen C. (Cadet); Bates J. T. (1st Appr.). Rowe P. (2d Cl. Appr.). - At 3. went to quarters and served out clean hammocks.

W. O. Burlew
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant: - barometer steady, - variable light airs.

N. J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Light airs from N.E. to N.N.E. and Calm.

W. O. Burlew
Ensign U.S.N.

Examined and found to be correct.

E. K. Zimmerman
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex., 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	N.N.W.	3-4			29-80	70	65	64		bc pgk.	cum nim	2	
2				N.N.E.	"	4-6			29-77	70	65	64		"	"	2	
3				West.	N.W.	3-5			29-77	70	66	64		bc g l.	"	2	
4				N.N.W.	"	3			29-76	70	66	64		bcl.	"	0	
5				East.	Variable.	1-4			29-77	70	66	64		o.c.l.t.g.	"	0	
6				E.S.E.	S.E.	2-4			29-77	69	64	63		o.c.l.t.g.g.	"	0	
7				"	South	3			29-85	67	63	62		o.c.l.t.	"	0	
8				West.	"	2-4			29-87	67	63	62		o.c.l.t.g.g.	"	0	
9				N by W.	S.E.	2			29-86	67	64	64		bc.	cir cum nim	1	
10				W.N.W.	S.W.	2			29-89	67	65	64		"	"	2	
11				"	"	3			29-89	67	64	62		"	"	2	
Noon.				W.S.W.	"	3			29-88	67	64	62		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 382 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1848 "

Coal consumed during the preceding 24 hours, tons 800 lbs.

Coal remaining on hand at Noon, 147 " 1095 "

P. M.											
1	S by E	S.S.W.	3	29-88	67	64	64	bc.	cir cum str	7	
2	"	S.W.	2	29-92	68	64	64	"	"	7	
3	S.S.E.	"	1	29-94	68	64	65	"	"	6	
4	S by E.	"	1	29-96	69	64	66	"	"	7	
5	S.W.	"	3	29-97	69	64	65	"	"	7	
6	"	"	3	30-00	70	64	58	"	"	6	
7	West.	S.S.W.	3	30-05	70	62	55	"	"	2	
8	S.S.W.	"	3	30-09	70	62	55	"	"	4	
9	"	"	3	30-12	72	61	55	"	cir cum nim	1	
10	"	"	3	30-15	73	61	55	"	"	4	
11	"	"	3	30-17	71	60	57	"	"	7	
Mid.	"	"	4	30-17	69	59	57	"	"	8	

under the command of A. S. Snow, Commander, U. S. Navy,

Tuesday, May 3rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Cloudy and gloomy. Gentle to moderate breeze with moderate to stiff squalls from N.N.E. veering to N.W. Frequent lightening and occasional distant thunder. Passing shower first part.

H. Georg Lt. U.S.N.
Lieut. U.S.N.

4 to 8 A.M.

Overcast. frequent lightning around horizon wind light and variable till 6 when heavy squall from S.E. broke. Let go sheet anchor. Rest of watch, breze light to moderate, with steady light rain. Got up sheet anchor.

M. J. Newton
Lieut U.S.N.

8 A.M. to Meridian.

Cloudy first part. clearing last part. Light to gentle breze from S.E. to S.W. At 9.30 mustered at quarters. Exercised gun divisions instruction. Catted and fished sheet anchor. Lowered St. Launch. Lowered sail to a towline. H. C. Pugh was rated as Quarter Gunner from this date. Transferred to U.S.S. Atlanta. with hammock and necessary papers. W R Bartlett. (Asst. Eng.). Signals as per record.

W. O. Bulow
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant. Gentle breeze to light airs from S.W. to S.W. At 1.30 drilled the companies at infantry. At 1 piped down scrubbed hammocks. At 2.35 furled sail, and then exercised at loosing and furling. At 3 turned in scrubbed hammocks at quarters. Sent a liberty party ashore. The following signals were made 1st, Atlanta. General 2984 1/2; 2028 Essex Int 5955. not answered: 213 Essex, Int, 4826; 230 Atlanta General, 2072; 233 Atlanta General 4826: 240 Essex Int. 4388; answered affirmative.

H. Georg Lieut. U.S.N.

4 to 8 P.M.

Clear first part cloudy last part. Gentle breeze from S.W. to W.S.W. At 5.40 U.S.S. Atlanta got underweigh and left the harbor.

W. O. Bulow
Ensign U.S.N.

8 P.M. to Midnight.

Clearing. Gentle breeze from S.S.W.

H. Georg Lieut. U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. - Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.W.	S.S.W.	4			30-17	68	58	54		b.c.	cir. cumu	9	
2				"	"	4			30-17	67	57	53		"	"	9	
3				S.S.W.	S.W.	5			30-17	66	56	52		"	"	9	
4				S.W. by S.	"	5			30-17	65	55	51		"	"	9	
5				S.W.	"	5-6			30-17	62	55	51		b.c.l.y.		9	
6				"	"	6			30-17	62	54	51		b.c.y.	"	7	
7				S.W. by W.	"	6-7			30-21	61	53	51		"	"	5	
8				S.W.	S.W.	6-7			30-23	60	52	51		"		4	
9				"	"	5-7			30-25	59	52	51		"	cir. Cumu. Strat.	4	
10				"	S.W. by S.	5-7			30-28	58	52	50		"	"	4	
11				S.W. by S.	"	4-6			30-29	59	54	51		"	"	4	
Noon.				S. by W.	S.S.W.	4-6			30-30	60	55	52		b.c.b.y.	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 235 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1513 "

Coal consumed during the preceding 24 hours, tons 1400 lbs.

Coal remaining on hand at Noon, 146 " 1935 "

P. M.												
1		South	South	4-5	30-31	66	55	53	b.c.p.	cir. cumu. strat.	3	
2		"	"	4-5	30-34	73	56	54	"	"	3	
3		S. by E.	"	4	30-34	72	57	53	"	"	3	
4		"	"	4	30-34	70	57	54	"	"	3	
5		S.S.E.	S.S.E.	3	30-34	71	57	52	b.c.	"	5	
6		"	"	3	30-34	73	56	52	"	"	4	
7		S.E.	S.E.	2	30-35	73	56	52	"	"	6	
8		"	"	2	30-37	77	56	52		"	6	
9		"	"	2-4	30-39	77	55	54	l.y.p.	cum. strat.	2	
10		South	S.S.E.	2-4	30-40	76	55	53	"	"	6	
11		"	"	2-4	30-40	71	56	53	"	"	4	
Mid.		"	"	3	30-40	69	56	54	b.c.p.	"	2	

under the command of L. L. Snow, Commander, U. S. Navy,

Wednesday, May 4th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mo until 4 A.M.
Clear and pleasant. Moderate and fresh breezes from S.S.W. and S.W.

W. H. Brownell
Ensign U.S.N.

4 to 8 A.M.
Clear. Stiff to very fresh breeze from S.W. At 6.15 let go 1st sheet anchor. Sent Steam Launch in shore. Uniform signals as per board.

W. H. Palmer
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy. Stiff to moderate breeze with very fresh to fresh squalls from S.W. to S. by W. At 8.30 hoisted topgallant masts. At 9.30 mustered at Quarters. Received for use of crew 12 7/16 fresh beef and vegetables and 94 lbs bread. The following signals were made by Essex to Bennington: 8.45 Int. 5 Q, Answered, aff. 9.00 numeral 0: 10.00 numeral 1; 12.00 Numeral 14, Started fires under distilling boiler.

H. Gauss Lieut. U.S.N.

Meridian to 4 P.M.
Cloudy with passing showers. Moderate to fresh breezes from South. - A Boat was given three night watches for abusing petty officer. Began heaving in on sheet anchor. Absentees Zimmerman F.X. (Ca). Parsons J.A. (1st Sergt); Collins T.H. (Sdpp. 2d cl) Tyrell E.D. (Ca) Van Ripen S. (Class Appr); Connelly T.C. (Sds); Stubbard W.J. (Private M.C.) - Ober W. (Drummer), Mead M.J. (Sdpp 2d cl), Gibson E.S. (Writer).

Ensign U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle to light breeze from S.E. to S.E. Distilling. Hove up sheet anchor. Zimmerman F.X. (Ca), Van Ripen S. (Class Appr), and Mead M.J. (Sdpp 2 d) returned aboard 1 hour overtime.

Gauss Lieut U.S.N.

8 P.M. to Midnight.
Cloudy. Light to moderate breezes from S.E. and S.S.E. - Passing showers.

H. Lieut. U.S.N.

Ensign U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex. 3rd Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.b.E.	S.E.	3			30-39	67	57	53		fc.	cir cum Nim	2	
2				E.	S.E.b.E.	3			30-40	65	57	54		"	"	1	
3				"	E.S.E.	3			30-39	62	57	54		o.c.	"	0	
4				S.E.b.E.	N.E.	3			30-39	57	58	55		o.c.d.	rain	0	
5				S.E.	"	2			30-38	59	57	54		"	"	0	
6				E.S.E.	"	2			30-39	59	57	54		fc.	cir cum/nim	7	
7				N.E.b.E.	"	2			30-38	57	54	52		fc.w.	cir cum	8	
8				"	"	2			30-38	64	57	52		"	"	8	
9				N.N.E.	"	2			30-43	68	57	55		fc.	"	7	
10				E.N.E.	E.N.E.	2			30-43	61	58	57		"	"	6	
11				"	East.	2			30-43	65	56	53		"	"	7	
Noon.				E.S.E.	S.E.	2			31-43	63	57	53		"	"	8	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 355 gallons.

Water distilled during the preceding 24 hours, 344 "

Water remaining on hand fit for use at Noon, 5044 "

Coal consumed during the preceding 24 hours, tons 2000 lbs.

Coal remaining on hand at Noon, 145 " 2175 "

P. M.												
1	E.S.E.	East.	3	30-40	64	58	54	fc.	cum/str.	9	
2	"	"	3	30-38	64	58	53	"	"	9	
3	"	"	3	30-38	64	57	53	"	"	8	
4	S.E.	"	3	30-38	63	57	52	"	cir str	7	
5	S.E.b.E.	"	3	30-39	67	56	52	"	cir cum str	6	
6	E.b.S.	"	3	30-39	70	56	52	"	"	6	
7	"	"	3	30-41	74	56	52	"	"	6	
8	East.	"	3	30-42	73	57	53	"	"	5	
9	"	"	3	30-42	71	57	53	"	"	3	
10	"	"	3	30-42	71	58	54	"	"	3	
11	E.N.E.	"	3	30-42	70	58	55	"	"	3	
Mid.	"	"	3	30-42	70	59	56	"	"	2	

under the command of N. J. Snow, Commander, , U. S. Navy,
Thursday, May 5th , 18 92.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Muntil 4 P.M.
Cloudy with light drizzle last hour. Gentle breeze from S.E. to E.S.E. shifting to N.E. last hour.

W. [illegible]
Lieut. U.S.N.

4 o'clock to 8 P.M.
Clearing. Light haze from N.E. At 7.40 sent up topgallant mast and crossed topgallant yards. The Argentine tug Argentina went up the river. The following signals were made, 7.00 Bennington, General, Uniform signals; 7.45 Essex Int., 6144 Answered, Affirmative. Parsons J.A. (1st Lieut.) Collins F.A. (Supp. Ch.) Connelly L.C. (Q.) Hubbard W.J. (Private) and Ober W.J. (Drummer) returned aboard 16 hours overtime

H. Gage Lieut. Holman
Lieut. U.S.N.

8 P.M. to Meridian.
Mostly clear and pleasant. Light breezes from N.E., E.N.E., East, and E.S.E. At 9.30 cruised at general quarters time as follows First Div. 1 min. 48 sec.; Second Div. 1 min 48 sec.; Third Div. 1 min 42 sec.; Navigator's Div. 1 min. 57 seconds; Cooper Div. 1 min. 48 sec.; Engineer's Division 1 min. 55 seconds; Marine Guard 1 min. 52 seconds; Paymasters Dept. 1 min. 68 seconds; Surgeons Dept. 1 min 24 seconds. The following men were absent without leave, E. Gibson (S.W.) & E. Tyrrell (O.S.). Gibson E.S. returned on board 20 hours overtime. The U.S.S. Bennington, moved into the inner harbor. Made signals as follows, at 9 numeral 2. at 10. numeral 1. at 12 numeral 146.

Chas Coleman
Ensign U.S.N.

Meridian to 4 P.M.
Clear and cool. Gentle breezes from East. At 1.30 had company drill.

W. [illegible]
Lieut. U.S.N.

4 to 8 P.M.
Fair Gentle breezes from East. Distilling.

Coleman
Ensign U.S.N.

8 P.M. to Midnight.
Generally cloudy. Gentle breeze from East. Distilling.

W. [illegible]
Lieut. U.S.N.

Examined and found to be correct.

M. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				East.	East.	3			30-42	70	59	56		bc.	cm ph.	4	
2				"	"	2			30-41	69	59	56		"	"	8	
3				"	"	2			30-41	69	59	56		"	"	6	
4				"	"	3			30-40	68	58	56		"	"	5	
5				E.S.E.	"	3			30-40	68	59	56		"	"	7	
6				"	"	3			30-41	68	59	57		"	cirrus ph.	7	
7				East.	"	3			30-41	67	58	56		"	"	2	
8				"	"	3			30-41	65	59	57		"	"	6	
9				E.by.S.	"	3			30-40	65	59	57		"	"	2	
10				N.E. by E.	"	3			30-42	72	60	58		"	"	2	
11				"	"	3			30-42	76	61	60		"	"	4	
Noon.				E.N.E.	"	3			30-41	76	61	60		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 347 gallons.

Water distilled during the preceding 24 hours, 2107 "

Water remaining on hand fit for use at Noon, 32 64 "

Coal consumed during the preceding 24 hours, 1 tons 12 60 lbs.

Coal remaining on hand at Noon, 444 " 915 "

P. M.											
1		Ely S	E.S.E.	3	30-40	74	62	59	bc.		7
2		S.E. by E.	"	3	30-38	71	61	58	"		5
3		"	"	3	30-38	69	61	59	"		4
4		S.E.	"	3	30-38	69	61	59	"		4
5		"	"	3	30-39	71	61	59	cum.		0
6		"	"	3	30-40	74	63	60	"		0
7		E.S.E.	E.N.E.	3	30-40	74	62	59	"		0
8		East.	"	3	30-40	73	61	59	"		0
9		E.by.S.	E.by.E.	3	30-39	72	61	59	"		0
10		E.by.N.	E.N.E.	3	30-38	72	61	59	bc.		2
11		N.E. by E.	"	3	30-39	71	61	59	"		6
Mid.		"	"	3	30-39	70	61	59	"		7

under the command of W. L. Snow, Commander, U. S. Navy,
Friday May 6th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 P.M.
Fair and pleasant. Light to gentle breeze from East. &
W. R. Maen Field.
Ensign U.S.N.

4 to 8 P.M.
Partially cloudy. Gentle breze from East. Excuited morning orders
Bennington made uniform signals as per record. Received in
Pay Dept. 1164 lbs fresh beef and vegetables and 93 lbs. bread.
Ensign U.S.N.

8 P.M. to Meridian.
Partially cloudy pleasant weather. Gentle breze from East. E. Tyrrell (O.S.),
absent without leave. Broke out hold. Condemned and thrown overboard 12 lbs.
tomatoes, inspected Nov. 1887, Dickinson & Lippincott, Contractors, and 6 lbs Butter inspected
Oct. 1890 Thurber, Whyland & Co. contractors, by order of Condg Officer upon recommend-
ation of Quarterly Board of Survey. Stopped distilling. U.S.S. Yantic left the harbor
to the N'd. Made usual routine signals. Discharged ashes.
W. P. Wilder
Lieut U.S.N.

Meridian to 4 P.M.
Fair and pleasant, gentle breeze from E.S.E. Restopped for hold.
W. R. Maen Field
Ensign U.S.N.

4 to 8 P.M.
Cloudy and rain. Gentle breze from E.S.E. to E.N.E. Brazilian
guntrat Cariboa came in and anchored in outer roade, under quarantine.
Received in the Equipment Dept. 2 Tar brushes 25 Corn brooms 62 lbs 12 thread
Manilla rope; 6 lbs 15 thread Manilla rope, 113 lbs 1¾ Manilla Rope; 25 lbs 1¾ in.
Manilla Rope; 25 lbs Cod line; 37 lbs Spun yarn 2 yarn; 41 lbs 3 yarn,
Spun yarn; 50 lbs Houseline; 50 pal needles, 50 Seaming needles, 100, 4
thread Needles; 1 Bbl Tar. 1 Bbl Coal Tar. 20 lbs Polishing paste; 27 lbs.
Cotton twine; 1 Gross Safety Matches; 309 yds Cotton Canvas, 52 lbs 4¾ inch-
Bolt Rope; 35 lbs 2½ in. Bolt Rope. In Cons Rep, 25 Gals Linseed-
Oil and 10 Gal Turpentine.
W. P. Wilder
Lieut U.S.N.

8 P.M. to Midnight.
Overcast then clearing, gentle breeze from E by S. to E.N.E.
W. R. Maen Field.
Ensign U.S.N.

Examined and found to be correct.

L. M. Snow
Lieut. Navigator.

LOG of the UNITED STATES Steamer Esco, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	E.N.E.	2			30-40	69	61	59		f.c.	cir cumm	6	
2				N.N.E.	"	2			30-40	65	61	60		"	"	5	
3				East.	"	2			30-40	67	61	59		"	"	5	
4				"	"	2			30-40	67	60	58		"	"	5	
5				E by N.	"	3			30-40	68	60	59		"	"	8	
6				E.N.E.	"	2			30-41	67	60	58		"	"	2	
7				East.	"	2			30-41	63	60	59		"	"	1	
8				"	"	3			30-43	67	61	60		"	cir.	1	
9				E.S.E.	East.	3			30-46	73	62	61		"	"	4	
10				East.	E.N.E.	4			30-46	71	64	61		"	"	6	
11				"	"	3			30-46	70	64	62		"	"	8	
Noon.				"	"	4			30-45	69	65	62		"	"	6	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2896 "

Coal consumed during the preceding 24 hours, tons 1180 lbs.

Coal remaining on hand at Noon, 143 " 2055 "

P. M.									
1	N.E. by E.	E by N.	3	30-44	69	63	63	f.c.	cir cumm	8
2	East.	East.	3	30.42	68	65	63	"	"	8
3	"	"	4	30.39	69	65	62	"	"	5
4	"	"	4	30.39	69	64	61	"	"	8
5	E.S.E.	"	4	30.40	69	63	61	"	"	7
6	"	"	3	30.40	70	63	61	"	"	7
7	E by S.	"	3	30.42	70	63	61	"	"	9
8	East.	"	3	30.43	70	63	60	"	"	9
9	"	"	3	30-43	70	62	60	4	none	10
10	"	"	3	30-44	70	61	59	"	"	10
11	N.E.	"	3	30-43	69	60	58	"	"	10
Mid.	"	"	3	30.43	68	60	58	"	"	10

under the command of P. L. Snow Commander, U. S. Navy,

Saturday, May 7th, 18 22.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Midnt. to 4 AM.

Clear and pleasant. barometer steady. Light breeze from E & N.E. A man of war came in.

J. T. Newton
Lieut. U.S.N.

4 to 8 AM

Cloudy. pleasant weather. Light to gentle breeze from E.N.E. at 8th Argentine Cruiser "25th de Mayo," at anchor in outer roads fired national salute with Uruguayan Ensign at the fore.

W. F. Worrier
Lieut U.S.N.

8 AM to Meridian.

Fair and fine, gentle to moderate breeze from E to E.N.E. Inspected Clothing. Tyrrell D (O.S.) absent without leave. The Commanding Officer called officially on the Argentine Man of war Patagonia and the Spanish Corvette Elcano. The Commanding Officer adjudged the following punishments, viz: Egbert (AM) 24 hours overtime, 3d Special Class 1/2 months, Parsons (Coal M.C.) 16 hours overtime, 3d Special Class 1/2 months; Hubbard W. (Private), and Ober M. (Drummer) 16 hours overtime, 3rd Class 1/2 months and 8 hours extra duty; Collins T. (Sapp 2 dcl) and Cunielly R. (Ldr). 16 hours overtime, 3rd Class 1/2 months and 16 hours extra duty; Patterson F. (Cox). Clothes adrift about the deck, after word had been passed to clear up the decks for quarters, 1 week quarantine.

F. W. Ry Mclean Tuld
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant;—barometer steady—gentle to moderate breeze from E by N and E. Commanding Officer of the Argentine Cruiser Patagonia visited the ship officially

J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and fine. Moderate to gentle breeze from East.

F. W. Ry Mclean Tuld
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant;—barometer steady—gentle breeze from E.

N. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	E.N.E	3			30-44	67	65	63		fc.	circum.	8	
2				"	"	3			30-43	68	65	63		"	"	6	
3				"	"	4			30-43	68	65	63		"	"	8	
4				"	"	4			30-40	68	64	64		"	"	8	
5				E by S.	N.E.	4			30-40	67	60	59		"	"	8	
6				E.N.E.	"	4			30-40	62	60	59		"	"	9	
7				East.	"	4			30-41	62	60	59		"	"	9	
8				E by S.	"	4			30-41	67	61	60		"	"	9	
9				East.	"	3			30-46	73	63	61		"	"	9	
10				"	"	3			30-46	74	65	62		"	"	9	
11				E.N.E	"	4			30-45	73	67	63		"	"	7	
Noon.				"	"	4			30-43	72	68	64		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 440 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 24944 "

Coal consumed during the preceding 24 hours, tons 1100 lbs.

Coal remaining on hand at Noon, 143 " 955 "

P. M.													
1	N.E by E.	N.E	4	30-41	72	70	65		fc.	cir. cum.	5	
2	N.E.	"	3	30-39	71	70	65		"	"	5	
3	"	"	3	30-39	72	71	65		"	"	5	
4	"	"	4	30-39	72	70	66		"	"	6	
5	"	"	4	30-39	71	70	65		"	"	9	
6	"	"	4	30-38	71	67	63		"	"	9	
7	E.N.E	"	4	30-40	76	65	61		"	"	9	
8	"	"	4	30-42	78	64	66		"	"	9	
9	N.E by E.	"	4	30-44	75	62	59		"	"	9	
10	E.N.E.	"	4	30-44	73	61	59		"	"	9	
11	East.	"	4	30-44	72	61	59		"	circum. Sk.	8	
Mid.	"	"	3	30-44	71	59	58		"	"	5	

under the command of A. S. Snow. Commander, U. S. Navy,

Sunday May 8th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.
Clear. Gentle to moderate breeze from E.S.E.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Clear and fine. Moderate breeze from N.E. Received in Pay Department 116 3/4 lbs fresh beef, 116 3/4 lbs vegetables and 93 lbs. soft bread. Bennington made Uniform Signal.

F. W. Roy Mann Full.
Ensign U.S.N.

8 A.M. to Meridian
Clear and pleasant - barometer fluctuating - gentle to moderate breeze from N.E. - At 9.30 quarters - Commanding Officer inspected ship and crew - Absent without leave Tyrrell E.J. (O.S.).

H. J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair Moderate to gentle breeze from N.E.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant, barometer steady, moderate breeze from N.E. Full moon. Tyrrell E.J. (O.S.) returned, 1½ hours overtime.

H. J.T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Clear. Moderate to gentle N.E. breeze.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

H. K. Hewitt
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	N.E.	4			30-44	69	59	57		bw	none	10	
2				"	"	4			30-44	68	58	56		"	"	10	
3				"	N.N.E.	4			30-43	68	57	56		bcw	cir. str.	9	
4				"	"	4			30-41	67	57	56		"	"	9	
5				"	"	4			30-38	67	56	55		"	"	9	
6				"	"	4			30-38	66	57	56		"	"	7	
7				E.N.E.	"	4			30-39	65	56	55		"	"	7	
8				"	"	4			30-38	63	58	57		"	"	6	
9				N.E. by E.	"	5			30-39	68	61	59		bc	circum. str.	8	
10				"	"	5-6			30-39	71	64	61		bcm	"	7	
11				"	"	5-6			30-39	71	66	62		"	"	7	
Noon.				"	"	4			30-38	75	68	63		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 416 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2080 "

Coal consumed during the preceding 24 hours, tons 1100 lbs.

Coal remaining on hand at Noon, 142 " 2005 "

P. M.												
1	N.N.E.	North	3	30-36	76	70	66	bcm	cir. cum. str.	6	
2	N by E.	"	3	30-34	75	71	65	"		6	
3	"	"	2	30-32	76	71	66	"		7	
4	N.E.	"	2	30-31	74	71	66	"		5	
5	N.N.E.	"	1	30-30	73	69	65	"		2	
6	E.N.E.	"	3	30-29	74	68	63	"		1	
7	N.E.	N.N.E.	4	30-28	73	67	62	rcp.	cumulus	0	
8	E by N.	North	4	30-28	72	67	64	"		0	
9	E.N.E.	N.N.E.	3	30-28	72	67	64	oc		0	
10	E.S.E. by E.	"	3	30-28	72	67	64	rcb.		0	
11	E by N.	"	3	30-29	70	67	64	"		0	
Mid.	N.E. by N.	"	4	30-25	70	63	60	"		0	

under the command of A. S. Snow Commander, U. S. Navy,
Monday May 6th, 1872.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 P.M.
Clear and pleasant. Moderate breeze from N.E., and N.N.E.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant, - barometer steady, - moderate breeze from N.N.E. Received in Pay Department - 116 lbs, Fresh beef - 116 lbs vegetables 93 lbs. Soft bread.

J. J. Hamilton
Lieut, U.S.N.

8 A.M. to Meridian.
Clear. Moderate to fresh breeze from N.N.E. Absent without leave C. Smith (S. Buglar), U.S.S. Bennington shifted anchorage. Officer from H.M.S. Magpie returned boarding visit of yesterday. Signals as per record.

W. Walwe
Ensign U.S.N.

Meridian to 4 P.M.
Fair. Light and gentle breezes from North. Exercised reserve and 3d company at infantry. Received in the Equipment Dept, 48 lbs, 18 thread Manilla rope. 98 lbs 12 inch Manilla rope. 28 Needles; 3 lbs. Cotton Twine. In Con. & S. Dept, 6 Sheets Tin.

C. M. Stone
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Light airs to moderate breeze from the South to N.N.E.

W. Walwe
Ensign U.S.N.

8 P.M. to Midnight.
Overcast and cloudy, raining last hour. Gentle and moderate breezes from N.N.E.

C. M. Stone
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E. by N.	N.N.E	4			30-23	70	61	59		ocd.	nim	0	
2				N.N.E.	"	2			30-22	70	61	59		pc.	"	0	
3				N. by W.	North.	2			30-21	70	61	58		"	"	0	
4				N.N.W.	N.N.W.	3			30-21	69	60	58		o.c.	"	0	
5				N. by W.	"	4			30-20	68	59	57		o.c.s.g.	"	0	
6				North.	"	3			30-17	65	58	57		o.c.m.	"	0	
7				E.S.E.	N.E.	2			30-16	62	60	58		"	"	0	
8				S.E.	"	2			30-16	68	61	58		"	"	0	
9				"	"	3			30-16	71	61	60		o.c.r.	"	0	
10				"	North.	3			30-15	71	61	60		"	"	0	
11				North.	N.N.W	2			30-15	74	62	60		"	"	0	
Noon.				"	"	2			30-14	74	61	60		"	"	0	

Course and distance made good since preceding noon by observations, knots, tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.: Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M.: Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 398 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1682 "

Coal consumed during the preceding 24 hours, tons 000 lbs.

Coal remaining on hand at Noon, 142 " 1195 "

P. M.													
1		N. by E.	N.N.W.	3	30-10	72	61	60		o.c.r.	nim	0	
2		North.	North	3	30-07	72	62	61		"	"	0	
3		"	"	3	30-05	72	62	61		"	"	0	
4		"	"	2	30-04	70	62	61		"	"	0	
5		N.W.	N.N.W.	1	30-02	69	63	61		o.c.d.	"	0	
6		"	West	1	30-03	74	64	63		o.c.r.	"	0	
7		S.S.E.	S.S.E.	1-9	30-02	68	59	57		"	"	0	
8		"	"	7-10	30-07	70	57	55		o.c.p.	"	0	
9		"	"	6-9	30-12	71	57	55		o.c.p.	"	0	
10		"	"	6-9	30-13	70	57	55		"	"	0	
11		"	"	6-9	30-16	71	56	54		"	"	0	
Mid.		"	"	6-9	30-17	72	57	54		"	"	0	

under the command of A.S. Snow, Commander, U. S. Navy,

Tuesday, May 10th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commenced (at) quntil 4 A.M.

Overcast. Moderate to light breeze from N.N.E, hauling to N.N.W.; occasional light drizzle first hour and light rain last hour.

Geo. W. Holman
Lieut, U.S.N.

4 to 8 A.M.

Overcast and raining. Light to gentle breeze from N.N.W. to N.E.

W.O. Talbot
Ensign U.S.N.

8 A.M. to Meridian.

Overcast cloudy and drizzling; gentle and light breezes from N.E., North (th) to N.N.W. At 9.30 mustered at quarters, Kelsey Jas. L. Appr. 1st class was absent without leave. Exercised divisions at stations. Made signals as follows, at 9 Numeral 1, at 10.00 Numeral 0 (th) at 12 Nd Numeral 143. Kelsey Fla. L. Appr. 1 class, returned on board 3 3/4 hours overtime.

C.M. Stone
Ensign U.S.N.

Meridian to 4 P.M.

Overcast. Raining. Gentle to light breeze from N.E. to N.N.W. Sent a liberty party ashore. The Quarterly Board of Survey condemned 1 can (2 lbs) beef, and on their recommendation by order of the Commanding Officer it was thrown overboard.

Geo. W. Holman
Lieut. U.S.N.

4 to 8 P.M.

Overcast. Cloudy and drizzling. Light airs from N.N.W. and West, shifting to S.W., at about 6.30 (th) immediately after to S.S.E., blowing gale in squalls. Made signal Interrog., 5109. Bennington answered Affirmative. Housed topgallant masts. Let go sheet anchor and veered 15 fathoms on both bowes and 30 fms sheet chains. Started fires in two after boilers.

C.M. Stone
Ensign U.S.N.

8 P.M. to Midnight.

Overcast with a few very light passing showers. Blowing a moderate gale in squalls from S.S.E. Raised steam in three boilers and banked fires.

Geo. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, — 3rd. Rate,

Montevideo Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.E.	6-9			30-20	70	57	54		hcgr.	nimi	2	
2				"	"	6-8			30-20	63	57	54		"	"	2	
3				S.by.	"	5-8			30-20	64	57	54		"	"	3	
4				South.	"	5-8			30-20	64	57	54		"	"	3	
5				S.by E.	"	3-7			30-24	74	58	54		"	"	1	
6				"	"	3-5			30-25	72	57	54		"	"	2	
7				"	"	4-6			30-28	73	57	55		"	"	3	
8				"	"	4-6			30-29	72	57	54		"	"	4	
9				"	"	4-6			30-31	72	58	55		"	cum/nimi	5	
10				"	"	4-6			30-33	72	58	55		"	"	5	
11				"	"	4			30-34	72	58	55		hc.	"	5	
Noon.				"	"	4			30-35	72	58	55		"	"	6	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.:
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.:
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 352 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1330 "

Coal consumed during the preceding 24 hours, 2 tons 20 lbs.

Coal remaining on hand at Noon, 140 " 1175 "

P. M.										
1	S.S.E.	S.S.E.	4	30-32	72	57	54	hc	cir. cumi.	4
2	S.by E.	"	4	30-32	73	58	54	"	"	4
3	"	"	4	30-33	74	57	53	"	"	4
4	"	"	4	30-33	74	57	53	"	"	4
5	South	"	3	30-34	75	56	53	"	"	4
6	"	"	4	30-34	75	56	53	"	"	4
7	S.by E.	"	4	30-35	75	55	53	"	"	4
8	"	"	4	30-35	75	53	52	"	"	4
9	"	"	3	30-35	75	55	52	"	"	4
10	"	"	2	30-36	76	55	52	"	"	4
11	"	"	2	30-36	76	56	52	"	"	4
Mid.	"	"	2	30-36	76	56	53	"	"	4

under the command of A. S. Snow, Commander, U. S. Navy,
Wednesday May 11th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Meridian to 4 A.M.
Blue sky, and clouds. Moonlight. Windsfrom S.S.E, steady in direction but unsteady in force, blowing fresh with very frequent moderate to heavy squalls.
Fires banked under three boilers.

W. Farrin
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Gentle to fresh breezes from S.S.E; Squally.
Received in Pay Department 117½ fresh beef and vegetables, 94 lbs. fresh bread. Bennington made uniform signals as per record.

D. McIvor
Ensign U.S.N.

8 A.M. to Meridian
Fair. Moderate breeze from S.S.E, with fresh squalls first part. Hove up sheet anchor and took mooring swivel off bower chains. At 9.00 made signal Numeral 6; At 10.00 Numeral 0; and at 12.00 Numeral 140. Fires banked under three boilers. Unbent the light sails.

Geo. F. W. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Partly cloudy, raw and cold. Moderate breeze from S.S.E. Sea moderating. Hauled fires from one boiler. - Fires banked under two boilers.

W. Farrin
Lieut. U.S.N.

4 o'clock to 8 P.M.
Gentle to moderate breeze from S.S.E. - Observed a partial eclipse of the moon. Fires banked under two boilers. Clear hawse.

H. Geo. Dunn Surgeon
Lieut. U.S.N.

8 P.M. to Midnight.
Partly cloudy, pleasant weather. Bright moonlight at times. Eclipse ended about 9. Gentle to light breeze from S.S.E. Fires banked under two boilers. Hawse clear.

W. Farrin
Lieut. U.S.N.

Examined and found to be correct.

C. K. Curtis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd. Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.S.W.	3			30-34	69	55	52		fc.	cir. st.	1	
2				S.W.	S.E.	3			30-31	63	55	52		"	cir. cum.	6	
3				N.W.	South.	3			30-30	61	56	53		"	"	6	
4				"	"	3			30-29	61	56	53		"	"	6	
5				South.	"	2-3			30-28	57	55	52		"	"	4	
6				S.S.E.	"	3			30-28	59	55	52		"	"	3	
7				S. by E.	"	2			30-29	63	55	52		"	"	1	
8				South.	"	2			30-32	69	55	52		"	"	3	
9				S. by E.	"	2			30-34	73	56	54		"	"	4	
10				"	S.S.E.	2			30-36	74	57	54		"	"	4	
11				S.S.E.	"	2			30-36	73	58	55		"	"	5	
Noon.				"	"	2			30-35	72	58	55		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: { Latitude by D. R. ° ' "
Longitude by D. R. ° ' "
Latitude by observations of ⊙ ° ' "
Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. { Latitude by ° ' "
Longitude by ° ' "

Position at 8 P. M. { Latitude by ° ' "
Longitude by ° ' "

Current during the time, " knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 968 "

Coal consumed during the preceding 24 hours, 1 tons 460 lbs.

Coal remaining on hand at Noon, 139 " 715 "

P. M.												
1	S. by E.	S.S.E.	1	30-32	69	58	55	fc.	cir. cum.	6	
2	S.W.	S.S.W.	1	30-31	66	58	55	"	"	8	
3	"	"	1	30-29	61	59	56	"	"	7	
4	W.S.W.	"	1	30-28	60	59	56	"	"	8	
5	West.	"	1	30-28	60	59	56	fc.	none	10	
6	W. by N.	S.E.	1	30-28	70	58	55				
7	S.W.	"	1	30-28	72	58	55				
8	South.	"	1	30-29	74	58	55	fc.			
9	S.E. by S.	North.	1	30-31	75	59	57	"		10	
10	S. by E.	"	1	30-31	73	60	57	"		10	
11	"	"	1	30-31	72	58	56	"		6	
Mid.	"	"	1	30-31	71	57	55	"		10	

under the command of A. S. Snow Commander, U. S. Navy,

Thursday, May 12th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (3rd) until 4 P.M.

Fair and pleasant, gentle breze from S.S.W. and S.

W. Roy Mason Fuld.
Ensign U.S.N.

4 o'clock to 8 P.M.

Cloudy. Gentle to light breze from South. Lowered steam launch. Hove up port anchor and hove in to 30 fathoms on starboard chain. At 7.40 fidded topgallant masts (3rd) crossed topgallant yards. At 7. Pennington made dress signals. At 7.30 we made signal Int., 6144. Answered, Affirmative. Fires banked under two boilers.

Geo. Lee Holyman
Lieut. U.S.N.

8 P.M. to Meridian.

Partly cloudy, pleasant weather. Light breze from South to S.S.E. At 9 made Dist., 2259: shifted berth to following bearing E. Cerro N.W. by W 3/4 W. (mag); Piedras Pt., N. 3/8 E. (mag), Brava Pt. Lt. E.S.E. 5/8 E. (mag) with starboard anchor, 45 fathoms chain. At 9.35 made Dist., 5455 and loosed sails to dry. Hauled fires from one boiler and commenced distilling from the other one. Received 100 coir brushes in Equipt. Dept.

W. Harrison
Lieut. U.S.N.

Meridian to 4 P.M.

Clear and fine. light airs from S.S.E. to S.S.W. Sent an officer to return thanks to "Magpie" for visit.

W. Roy Mason Fuld.
Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant. Bright moonlight latter part. Light airs from S.S.W. to S.E. Distilling.

W. Harrison
Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine, bright moonlight. Light airs from N.

W. Roy Mason Fuld.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.	North.	1			30-31	70	55	54		bw.	none	10	
2				W. by N.	"	1			30-31	67	55	53		"	"	10	
3				"	"	1			30-31	66	54	53		"	"	10	
4				"	"	1			30-30	64	53	52		"	"	10	
5				"	N.W.	2			30-29	62	51	50		bcw.	cir.	9	
6				N.E.	"	2			30-28	61	49	48		bcwm.	"	9	
7				W.N.W.	"	2			30-28	61	48	47		bcm.	"	8	
8				N. by E.	"	2			30-28	62	48	47		"	"	7	
9				"	"	2			30-32	64	53	51		"	"	8	
10				"	N.W.	3			30-33	67	55	53		"	"	8	
11				S.S.W.	"	3			30-33	64	58	55		"	"	8	
Noon.				"	"	2			30-32	65	58	55		"	"	7	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 385. gallons.

Water distilled during the preceding 24 hours, 2585. "

Water remaining on hand fit for use at Noon, 3168. "

Coal consumed during the preceding 24 hours, 2 tons 120. lbs.

Coal remaining on hand at Noon, 137 " 595. "

P. M.												
1	W.S.W.	West.	3	30-33	70	58	55		bc.	circumstr.	4	
2	West.	"	3	30-33	74	58	53		"	"	4	
3	W.N.W.	W.S.W.	3	30-32	74	58	54		"	"	4	
4	S.W. by W.	W. by S.	3	30-32	73	58	55		"	"	3	
5	W. by S.	"	2	30-31	72	58	55		"	"	3	
6	W.N.W.	"	2	30-32	72	58	55		"	"	5	
7	"	West.	2	30-32	71	57	55		"	"	6	
8	S.	"	2	30-33	70	59	57		bcw.	"	3	
9	S.E.	"	1	30-32	69	59	57		"	"	5	
10	"	W.N.W.	2	30-32	70	59	57		"	"	7	
11	S.E.	N.N.E.	2	30-33	71	58	56		bcmw.	"	2	
Mid.	E.S.E.	N.N.W.	2	30-33	68	58	56		"	"	2	

under the command of A. S. Snow, Commander, U. S. Navy,

Friday, May 13th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Mountl 4 A.M.
Clear and pleasant. Full moon. Light airs from N. — Barometer Steady.

J. T. Newton
Lieut. U. S. N.

4 to 8 A.M.
Clear and pleasant. Bright moonlight first part. Heavy dew, misty. Light breze from N.N.W. Received 187½ lbs. fresh meat, 117½ lbs vegetables and 94 lbs soft bread in Pay Department. Brazilian gunboat dressed ship at sun rise; at 8 dressed ship rainbow, Brazilian colors at the Main. Distilling.

W. Harrison
Lieut. U. S. N.

8 A.M. to Meridian.
Clear and fine, light to gentle breeze from N.W. to N.N.W. Mustered at quarters and exercised 1st division, infantry, 2d division artillery, Navigators division Gatling Gun. Absent without leave Ray C (Mat Arms), Made routine signals, — Ray C (Mat Arms) returned on board 3 hours overtime. The Commanding Officer adjudged the following punishments viz: — Tyrrell E. J. (C.S.) 10 hours overtime — 2d class, 3 months, $3.50 Monthly Money and 10½ hours extra duty; — Smith C. (Ship's Bugler), 11 hours overtime, — 2d class, 1 month; — Kelsey E. A. (S. Apprentice 1st class), 3¾ hours overtime, 1 week, 2d class.

W. Ry Mann Field.
Ensign. U.S.N.

Meridian to 4 P.M.
Cloudy and pleasant. — barometer steady gentle breeze from W. and W.S.W. Finished blacking ships side. R.M. Str. Elbe came in. Received in Engineer's Department 3 bushels pine charcoal, 4 iron elbows ½ in. 4 iron tees ½ in; = 3 brass valves ¾ inch.

J. T. Newton
Lieut. U. S. N.

4 to 8 P.M.
Fair and pleasant; light breeze from W. by S. and West. At sunset undressed ships.

W. Ry Mann Field.
Ensign U.S.N.

8 P.M. to Midnight.
Cloudy and pleasant — full moon — barometer steady — Light breeze from W'd. Ring around the moon.

J. T. Newton
Lieut. U. S. N.

Examined and found to be correct.

[illegible]
Lieut. Navigator.

LOG of the UNITED STATES — Steamer Essex, — 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	W.N.W.	3			30-33	66	58	57		o.w.	nim.	0	
2				S.W.by S.	S.W.by S.	4			30-32	64	59	57		"	"	0	
3				"	"	3			30-32	64	58	57		"	"	0	
4				South	South.	4			30-32	64	57	56		bc	cir cum/ph	1	
5				S.by E.	"	4			30-32	64	58	55		l.c.w.	"	8	
6				"	"	4			30-33	64	57	55		"	"	2	
7				"	S.S.E.	3-4			30-35	60	57	54		"	"	4	
8				S.S.E.	"	4			30-37	64	57	54		"	"	3	
9				"	"	3			30-39	74	58	55		bc	"	4	
10				S.E. by S.	"	3			30-41	74	58	55		"	"	4	
11				"	"	3			30-41	75	58	55		"	"	4	
Noon.				"	"	3			30-41	75	57	55		"	"	5	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 384 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2784 "

Coal consumed during the preceding 24 hours, tons 1000 lbs.

Coal remaining on hand at Noon, 136 "1835"

P. M.												
1	S.by E.	S.by E.	2	30-41	74	59	55	l.c.	cir cum.	4		
2	S.S.E.	S.E.	3	30-40	71	58	54	"	"	6		
3	South.	South.	3	30-39	70	57	55	"	"	6		
4	"	"	3	30-39	70	57	55	"	"	6		
5	S.S.W.	"	3	30-39	69	58	54	"	"	2		
6	"	"	3	30-40	71	57	53	"	cir; cum/Nimb.	2		
7	"	S.S.W.	3	30-41	72	57	54	"	"	4		
8	South.	South	3	30-41	72	58	55	"	"	2		
9	"	"	2	30-40	73	58	54	"	"	4		
10	"	"	2	30-41	73	58	55	"	"	6		
11	S.S.E.	"	2	30-40	72	57	55	"	"	6		
Mid.	South.	"	2	30-40	72	58	55	"	"	5		

under the command of A. S. Snow, Commander, U. S. Navy,
Saturday, May 14th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quintal 4 to 8 A.M.
Overcast. Gentle to moderate breeze from N.W. to S.W. by S.

W. O. Hulme
Ensign U.S.N.

4 to 8 A.M.
Fair and pleasant. Moderate breeze from S. and S.S.E.
H.M.S. Basilisk came in and anchored.

W. Rz Mann Fleid.
Ensign U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. Barometer steady. Gentle breeze from S.S.E. Landed 8 P.M. gunboat Basilisk. By order of Bureau of Navigation the term of enlistment of Lange, W.C.(C.S.) was changed from Cruise to Three Years General Service, from October 12th 1891.

K. J. T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Light to gentle breeze from S.E. to the South. Sent liberty party ashore.

W. O. Hulme
Ensign U.S.N.

4 to 8 P.M.
Cloudy. Moon rose at 6.45. Barometer steady. Gentle breeze from S and S.S.W. Commanding Officer assigned the following punishment, - C. Ray. (M. at Arms), - 3 Hours overtime - off Special Class, 2 weeks.

K. J. T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Light breeze from the South.

W. O. Hulme
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, , 3rd. Rate,

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.S.W.	3			30-40	70	58	55		fc.	cir. cumul.	4	
2				S.S.W.	"	3			30-40	69	56	53		"	"	6	
3				S.W.	"	4			30-39	67	55	52		"	"	8	
4				"	"	3			30-38	67	55	52		"	"	6	
5				S.W. by S.	"	3			30-37	66	55	53		"	"	4	
6				"	"	3			31-36	61	55	53		"	"	6	
7				"	"	4			30-36	61	55	52		"	"	6	
8				S. by E.	"	3			30-37	65	56	53		"	cir. cumul/str.	7	
9				"	"	3			30-39	71	57	54		"	"	2	
10				S.S.E.	"	3			30-40	72	58	55		"	"	4	
11				"	"	3			30 40	70	60	57		"	"	4	
Noon.				S. by E.	"	3			30 40	66	60	57		"	"	4	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 368 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2416 "

Coal consumed during the preceding 24 hours, tons 1100 lbs.

Coal remaining on hand at Noon, 136 " 735 "

P. M.												
1	S. by E.	S.S.W.	3	30-38	68	60	57	fc.	cir. cumul	5	
2	S.S.W.	"	3	30-37	67	57	56	"	"	5	
3	"	"	3	30-37	67	57	54	"	"	6	
4	"	S.W.	2	30-37	69	56	53	"	"	6	
5	S.W.	"	2	30-37	71	56	53	"	"	6	
6	"	"	3	30-37	69	56	53	"	"	6	
7	"	"	2	30-37	70	56	53	"	"	6	
8	S.S.W.	"	2	30-37	75	56	54	"	"	8	
9	"	"	3	30-37	72	57	55	"	"	5	
10	S. by E.	"	3	30-37	70	58	55	"	"	3	
11	S.E. by E.	"	3	30-35	67	57	54	"	"	4	
Mid.	"	"	3	30 34	66	57	54	"	"	4	

under the command of A. S. Snow Commander, U. S. Navy,

Sunday, May 15th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Mostly fair, gentle + moderate breezes from S.S.W.

C.M. Simmons
Ensign U.S.N.

4 to 8 A.M.
Clear and pleasant - barometer steady - gentle to moderate breeze from S.S.W. Received in Pay Department 117½ lbs fresh beef - 117½ lbs. vegetables - 94 lbs. soft bread.

J.T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Gentle S.S.W. breeze. At 9.30 mustered at quarters and inspected divisions. Routine signals as per record.

W.O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Fair - Light and gentle breezes from S.S.W. and S.W. Sent liberty party ashore.

C.M. Simmons
Ensign U.S.N.

4 to 8 P.M.
Cloudy. — Gentle S.W. breeze

W.O. Hulme
Ensign U.S.N.

8 P.M. to Midnight
Cloudy - Gentle breezes from S.W.

C.M. Simmons
Ensign U.S.N.

Examined and found to be correct.

Approved
A. S. Snow
Commander U.S.N.
Commanding.

L.K. Jones
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Northwider, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				S.S.E.	S.W.	3			30-33	65	57	54		4c	cir cum.	4	
2				"	"	2			30-33	64	56	53		"	"	6	
3				S.S.W.	"	2			30-31	64	56	53		"	"	7	
4				"	"	2			30-30	64	56	53		"	"	7	
5				S.W. by S.	"	2			30-30	62	56	53		"	"	3	
6				"	"	2			30-31	62	56	53		"	cir. cum. cst	4	
7				W.S.W.	"	3			30-31	61	55	53		"	"	5	
8				S.W.	"	3			30-31	60	55	53		"	"	7	
9				"	"	3			30-31	75	57	54		"	"	7	
10				S.S.W.	"	2			30-38	73	57	54		"	"	8	
11				S by E.	"	2			30-38	72	58	55		"	"	8	
Noon.				"	"	2			30-38	69	59	55		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 362 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2054 "

Coal consumed during the preceding 24 hours, tons 2030 lbs.

Coal remaining on hand at Noon, 135 " 945 "

P. M.												
1	S by E.	South.	2	30-36	68	57	55	4c	cir. cum.	4	
2	"	"	2	30-36	68	58	55	"	"	5	
3	"	"	2	30-35	67	59	56	"	"	7	
4	South.	"	2	30-34	67	58	55	"	"	6	
5	S.S.W.	"	1	30-35	71	58	55	"	"	9	
6	South.	"	1	30-36	75	57	55	"	"	9	
7	"	"	1	30-37	74	58	54	"	"	9	
8	"	"	1	30-37	73	58	55	"	"	9	
9	"	"	1	30-37	72	59	56	"	"	9	
10	S.S.W.	West	1	30-38	72	59	56	4	more	10	
11	E.S.E.	N.W.	1	30-38	70	59	55	4c	"	10	
Mid.	E.N.E.	North.	1	30-38	65	59	55	"	"	10	

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, May 16th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Quintl. H. L. M.
Fair. Gentle to light breeze from S.W.

Geo. Tod Holman
Lieut. U.S.N.

4 to 8 A.M.
Cloudy. Light to gentle S.W. breeze. Received on Pay Department 117¾ lbs. each Beef & Vegetables & 9 lbs bread. Unfurled signals as per record.

W. C. Watson
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Light and gentle breezes from S.W. At 9.30 mustered at quarters and at 10.00 Commanding Officer inspected Ship and crew at quarters; at 10.41 went to general quarters, times as follows; First Division ready 2 minutes 30 seconds; Second Division ready 2 minutes, 10 seconds; - Third Division ready, 2 minutes 20 seconds; - Navigators Division ready, 2 minutes; - Powder Division ready, 3 minutes, 45 seconds; - Engineers Division ready, 1 minute; - Marine Guard, 2 minutes; - Pay Department, 1 minute 40 seconds; - Surgeons - 2 minutes, 05 seconds; and afterwards exercised at Battalion drill; - at 11.25 went to fire quarters, - times as follows, viz; - First stream, 45 seconds; - second stream, 50 seconds; - third stream, 1 minute 25 seconds; - at 11.32 called all hands to muster and Commander A.S. Snow published the Departments Orders of March 21. 1892, detaching him from the Command of the U.S.S. Essex, on the reporting of his relief. Commander W.W. Mead, read the Departments Order, ordering him to the Command of the U.S.S. Essex & assumed Command. - Commander A.S. Snow, is detached May 16th 92. Before his detachment he divided all men of the crew rated by his order. Made signals as follows, at 9.00, numeral 0; - at 12.00 numeral 0; - at 12.00, numeral 35.

C. C. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Generally clear. Light breze from South. Exercised boats singly under oars. - Served out clean hammocks at quarters. Sent liberty party ashore. At 1.00 made signal Int, 13; Ans'd, Affirmative; & at 2.20 dist, 2.98 ft; Ans'd, Affirmative.

H. Geo. Tod Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Light airs from South

C. C. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Light airs backing from South, through West to North.

Geo. Tod Holman
Lieut. U.S.N.

Examined and found to be correct.

M. K. Barnum
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.S.E.	North.	2			30-38	58	53	52		Lwr.	none	10	
2				S.E.b.E.	"	2			30-38	57	52	51		"	"	10	
3				E.N.E.	"	2			30-35	57	53	51		"	"	10	
4				N.W.	N.W.	2			30-35	57	52	50		"	"	10	
5				"	"	3			30-35	59	50	48		"	"	10	
6				N.W.b.N.	"	2			30-35	58	48	47		"	"	10	
7				"	"	2			30-35	55	47	46		Lwrg.	"	10	
8				"	"	2			30-35	56	47	46		Lwrg.	cum. Strat.	8	
9				N.N.W.	N.N.W.	1			30-40	72	51	49		Fair.	"	8	
10				W.N.W.	W.N.W.	1			30-42	74	54	52		"	"	8	
11				South.	"	2			30-42	70	56	54		Lt.	"	8	
Noon.				"	West.	2			30-40	70	55	54		"	"	9	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ′ ″

Longitude by D. R. ° ′ ″

Latitude by observations of ⊙ ° ′ ″

Longitude by chronometer from Forenoon Observations of ⊙ ° ′ ″

Position at 8 a. m. Latitude by ° ′ ″

Longitude by ° ′ ″

Position at 8 P. M. Latitude by ° ′ ″

Longitude by ° ′ ″

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ′ ″

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Variation of the Compass by Azimuth ⊙ observed at " ° ′ ″

Water expended during the preceding 24 hours, 398 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1656 "

Coal consumed during the preceding 24 hours, tons 9 7 0 lbs.

Coal remaining on hand at Noon, 134 " 22 15 "

P. M.														
1			E.	S.W.	1			30-35	65	56	53	Lwr.	none	10
2			S.E.	S.E.	1			30-35	68	56	54	"	"	10
3			S.E.	"	1			30-35	68	57	55	"	"	10
4			"	"	1			30-35	67	58	55	"	"	11
5			S.b.E.	South.	1			30-36	68	58	56	"	"	10
6			S.S.W.	East.	1			30-36	73	59	56	"	"	10
7			South.	"	1			30-37	76	59	56	Fair.	"	10
8			N.E.b.E.	N.E.	1			30-37	77	59	56	"	"	10
9			N.E.	"	1			30-37	77	57	56	"	"	10
10			E.b.N.	North.	1			30-36	75	56	54	"	"	10
11			East.	"	1			30-35	71	55	52	"	"	10
Mid.			N.E.	"	2			30-34	61	51	52	"	"	10

under the command of W. W. Mead Commander, U. S. Navy,

Tuesday, May 17th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences (a/n) until 4 A.M.

Clear bright moon and starlight. Heavy dew. Light breze from S. to S.W.

Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Light and gentle breezes from S.W. Executed morning orders. Bennington make uniform signals as per record.

Engr. U.S.N.

8 A.M to Meridian.

Generally clear. Misty first part. Light airs and breezes from N.W. to West. At 9.30 mustered at quarters and had divisional drills. The Commanding Officer paid official visits to the "Cleopatra", Basilisk and Magpie. The Commanding Officer of the "Bennington" paid an official visit aboard. At 9.00 made signal Numeral 0: at 12.00 Numeral 0; and at 12. Numeral 135. A Board of Survey of which Lieut Calahan was senior member, surveyed articles in Equipment Department.

Lieut. U.S.N.

Meridian to 4 P.M.

Clear and pleasant overhead: misty along horizon. Light airs from S.W. to S.S.W. Exercised 2d Company (Am) Pioneers.

Lieut. U.S.M.C.

4 o'clock to 8 P.M.

Clear and pleasant but damp and with a heavy dew after sunset. A fog bank to the Eastward. Turned in scrubbed hammocks at quarters. At 4.30 Bennington made signal 3918.

Lieut. U.S.N.

8 to Midnight.

Clear and pleasant. Bright starlight, moon rose about 10. Heavy dew. Light airs to light breeze from N.N.E to North.

Lieut U.S.N.

Examined and found to be correct.

Lieut, Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				E.N.E	N.W.	3			30-34	65	53	51		Lw	none	10	
2				"	N.N.W.	3			30-33	63	52	50		"	"	10	
3				"	"	3			30-33	62	50	49		"	"	10	
4				"	"	3			30-31	62	49	47		"	"	10	
5				North	North	3			30-31	62	49	48		"	"	10	
6				N.N.W.	"	3			30-31	62	49	48		Lclw.	cir.	9	
7				"	"	3			30-30	58	49	48		Hc.	"	9	
8				"	"	3			30-30	63	49	48		"	cir cum	8	
9				"	N.N.W.	3			30-32	65	52	50		"	"	6	
10				North	"	3			30-33	67	55	53		"	cir cum st	4	
11				N. by E.	"	3			30-33	68	57	54		"	"	4	
Noon.				N.E.	"	4			30-31	69	61	58		"	"	4	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 364 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1292 "

Coal consumed during the preceding 24 hours, tons 1730 lbs.

Coal remaining on hand at Noon, 134 " 485 "

P. M.											
1	E by N.	N.N.W.	3	30-29	69	62	59	Lc.	cir. cum st.	7	
2	E.E.	"	3	30-27	70	64	60	"	"	8	
3	E.S.E.	"	3	30-26	71	64	60	"	"	7	
4	N.E.	"	2	30-24	73	64	60	"	"	7	
5	North	North	2	30-23	76	63	58	"	"	7	
6	"	"	2	30-23	75	60	57	"	"	8	
7	"	"	3	30-24	74	59	56	"	"	8	
8	"	"	3	30-23	73	59	56	"	"	9	
9	"	"	4	30-21	74	57	54	"	"	9	
10	"	"	4	30-21	74	56	53	"	"	9	
11	N.N.E.	"	4	30-20	73	56	53	"	"	9	
Mid.	"	"	4	30-20	73	57	54	"	"	9	

under the command of W. W. Mead, Commander., U. S. Navy,
Wednesday, May 18th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and fine, gentle breeze from N.W. and N.N.W.

W. Ry Mann Field.
Ensign U.S.N.

4 o'clock to 8 A.M.
Clear and pleasant. Heavy dew before sunrise Gentle breze from North. Loosed sails. At 7. the Bennington made dress signals: At 7.30 Essex made Int. 5 4 5 5. Answ. Affirmative. Received on board for use of crew 117½ lbs. each fresh beef and vegetables and 94 lbs bread

H. Gurg Lt Holman
Lieut. U.S.N.

8 A.M. to Meridian.
Partly cloudy and pleasant. Gentle to moderate breeze from N.N.W. At 9.30 mustered at quarters and had battalion drill Wright J. (Sapp. Cl.) absent without leave: he returned 3½ hours overtime. Commanding Officers of H.M.S. Cleopatra, Basilisk, and Magpie paid official visits to this ship.

W. F. Wilson
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and pleasant. gentle breeze from N.N.W. By order of Commanding Officer the rates of all rated men, on board this vessel, were re established in the rates previously held, from May 16th 1892. Make signal Inter. 4826 and furled sail. Piped down scrub and wash clothes

F.W. Ry Mann Field.
Ensign U.S.N.

4 to 8 P.M.
Clear, bright starlight. Light to gentle breze from North. At 4.30 made Int. 6140 and sent down topgallantmasts

W. F. Wilson
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and fine moderate breeze from N. Hoisted Steam Cutter.

F.W. Ry Mann Field.
Ensign U.S.N.

Examined and found to be correct.

L. K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex , 3rd **Rate,**

Montevideo. Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.E.	North.	4			30-18	71	57	54		fc.	cir. cum.	9	
2				"	"	4			30-18	69	56	54		"	"	9	
3				N.N.E.	"	3			30-17	66	55	53		"	"	9	
4				North.	"	4			30-16	66	53	51		"	"	9	
5				"	"	4			30-17	63	52	50		b	none	10	
6				"	"	4			30-17	60	51	50		"	"	10	
7				N.N.W.	"	3			30-19	59	51	50		b.cm.	cum.	9	
8				N. by W.	"	3			30-22	67	51	49		"	"	8	
9				"	"	3			30-25	73	54	52		"	"	8	
10				N.N.W.	"	3			30-25	71	57	55		"	cir. str.	9	
11				"	"	3			30-24	69	60	57		"	"	9	
Noon.				W.N.W.	"	3			30-21	70	63	60		b	none	10	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 385 gallons.

Water distilling during the preceding 24 hours, 293 "

Water remaining on hand fit for use at Noon, 1200 "

Coal consumed during the preceding 24 hours, 1 tons 345 lbs.

Coal remaining on hand at Noon, 153 " 140 "

P. M.												
1	S.W. by S.	North	3	30-19	70	65	61	fc	cir.cum.	8		
2	S.E. by S.	W.N.W.	2	30-17	68	66	62	"	"	8		
3	S.E.	S.S.E.	2	30-17	69	64	61	"	"	8		
4	E.S.E.	S.E.	2	30-16	68	62	60	"	cir.cum.str.	6		
5	"	E.S.E.	1	30-15	68	61	59	"	"	5		
6	"	"	1	30-14	71	62	59	"	"	5		
7	N.W.	Calm.	0	30-14	72	63	61	haz.	"	6		
8	West.	N.E.	1	30-15	71	63	61	"	"	7		
9	North	"	1	30-16	71	61	59	haz.	none	10		
10	N.N.W.	North	2	30-16	71	60	57	"		10		
11	"	"	1	30-16	70	59	56	"		10		
Mid.	"	N.N.W.	3	30-16	69	57	55	"		6		

under the command of W. W. Mead, Commander, U. S. Navy,

Thursday, May 19th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences & until 4 A.M.

Clear and pleasant; - barometer steady; - Gentle and moderate breeze from N. Moonlight.

J. J. Newton
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Misty latter part. Moderate to gentle breeze from North. At 7.30 Bennington made time and uniform Signals; At 7.30 made Sat, 61 4 ft, & crossed topgallant-yards.

Lieut. U.S.N.

8 A.M. to Meridian.

Clear and fine, gentle breeze from N. Mustered at quarters, And went to general quarters at 9.30; times as follows, viz; 1st Division ready, 1 minute, 40 seconds; - 2d Division, 1 minute, 50 seconds; - 3rd Division 1 minute; - Powder Division, 2 minutes, 10 seconds; - Navigators Division, 1 minute, 20 seconds; - Engineer's Division, 50 seconds; - Marine Guard, 1 minute, 05 seconds; - Pay Department, 1 minute, 05 seconds; - Surgeons Department 1 minute 10 seconds. The Commanding Officer, called officially on the Argentine Cruiser "Patagonia". Distilling.

W. Ray Mason Fitch.
Ensign U.S.N.

Meridian to 4 P.M.

Clear and pleasant; - barometer steady - variable breeze gentle to light in force; - Drilled 3rd and Reserve Divisions at setting up and as Infantry. - Distilling.

J. J. Newton
Lieut. U.S.N.

4 to 8 P.M.

Fair and pleasant, light airs and calms. Made Sail, 6 14 and sent down topgallant-masts & yards. Distilling.

W. Ray Mason Fitch.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. - barometer steady - light airs and light breeze from N. - Distilling -

J. J. Newton
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lemly
Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				North.	North.	2			30-15	66	54	52		bew.	cir. cums	9	
2				East.	N.E.by N.	2			30-15	58	54	52		"	"	9	
3				"	"	2			30-11	56	53	52		"	"	9	
4				E.by E.	"	2			30-09	54	52	51		"	"	8	
5				N.by E.	"	2			30-10	55	52	50		bew.	none	10	
6				"	North	2			30-09	54	51	50		bew.	cir. str.	8	
7				N.W. by N.	"	3			30-12	58	52	51		"	cir. cums/str.	7	
8				"	"	2			30-12	65	54	53		bew.	"	5	
9				N.W.	"	2			30-15	67	56	55		"	"	4	
10				W. by N.	"	2			30-16	71	59	57		"	"	4	
11				"	"	1			30-16	73	62	59		"	"	3	
Noon.				W. by S.	"	2			30-15	78	64	61		"	"	5	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 396 gallons.

Water distilled during the preceding 24 hours, 2400 "

Water remaining on hand fit for use at Noon, — 3216 "

Coal consumed during the preceding 24 hours, / tons 1485 lbs.

Coal remaining on hand at Noon, 131 " 895 "

P. M.												
1		S.W.	W.S.W.	2	30-14	73	65	62	bc.	cir. cum.	6	
2		S.S.W.	West.	2	30-12	72	65	62	"	cir/str.	6	
3		South.	"	1	30-11	71	65	62	bew.	"	6	
4		S. by W.	S.W.	1	30-11	71	63	61	"	"	6	
5		"	E.S.E.	1	30-11	71	63	61	"	"	6	
6		"	"	1	30-10	72	62	61	"	"	6	
7		"	East.	1	30-10	71	63	61	"	"	6	
8		West.	S.W.	1	30-11	71	63	61	"	"	5	
9		"	Calm.	0	30-11	73	62	60	bew.	"	5	
10		"	"	0	30-12	72	60	59	"	"	5	
11		W. by S.	W.S.W.	1	30-12	70	60	58	"	"	6	
Mid.		S.S.W.	"	1	30-12	69	61	59	"	"	6	

under the command of W. W. Mead, Commander, U. S. Navy,
Friday May 20th. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear. Light breeze from the North to N.N.W. Distilling.

W.O. Barlow
Ensign U.S.N.

4 to 8 A.M.
Fair and pleasant, light to gentle breeze from N. & N.W. Received for use of crew 117½ lbs. fresh beef, 117½ vegetables, and 94 lbs. fresh bread.

W. Lz Merriam Jr.
Ens. & Actg. Mate U.S.N.

8 A.M. to Meridian.
Cloudy and pleasant. - Barometer steady from N. - At 9.30 quarters - No absentees. - Reserve Artillery. - Stopped distilling.

Light airs and light breeze
2nd Company Infantry - 3rd Artillery,

J.T. Newton
Lieut. U.S.N.

Meridian to 4 P.M.
Fair. Light breeze to light airs from W.S.W., to the West. At 1.30 exercised 3rd Company as Infantry and Pioneers at setting up exercises. At 2 made Dft. 6222 fathoms which was answered in affirmative. Scraped Spars. At 3.20 made Dft. 3984. Commanding Officer of "Patagonia" made an official visit to these ships.

W.O. Barlow
Ensign U.S.N.

4 to 8 P.M.
Clear and pleasant. - barometer steady. - light airs from E.S.E. and E.

J.T. Newton
Lieut. U.S.N.

8 P.M. to Midnight.
Fair. Calm first part, light W.S.W. airs last part.

W.O. Barlow
Ensign U.S.N.

Examined and found to be correct.

H.K. Lewis
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				South.	S.S.W.	1			30-2	66	60	59		b.m.w.	none	10	
2				"	"	1			31-12	66	60	59		"	"	10	
3				S.S.E.	"	1			30-12	64	60	59		b.c.w.	cir. cumu	6	
4				South.	"	2			30-12	64	60	59		o.c.	"	0	
5				E. by S.	South.	3			30-13	65	59	58		l.c.	cum. nim.	1	
6				S.E.	S.E.	3			30-3	65	59	58		o.c.	"	0	
7				E.S.E.		3			30-15	62	58	56		"	"	0	
8				"		4			30-18	67	58	55		l.c.	"	1	
9				South.	S.E.	4			30-19	71	58	55		"	"	1	
10				S. by W.	South.	4			30-20	71	57	55		"	"	1	
11				"	"	4			30-21	71	56	54		"	"	2	
Noon.				S.S.W.	S.S.W.	4			30-21	69	56	53		"	"	2	

Course and distance made good since preceding noon by observations, knots. tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 366 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2853 "

Coal consumed during the preceding 24 hours, tons 065 lbs.

Coal remaining on hand at Noon, 130 " 2070 "

P. M.													
1	S.S.W.	S.S.W.	4	30-22	73	56	52	l.c.	nim.	0			
2	S. by W.	"	4	30-22	70	55	52	l.c.	cum.nim.	1			
3	"	"	4	30-22	67	55	51	"	"	3			
4	"	"	4	30-22	66	55	49	"	"	6			
5	S.W. by S.	S.W.	4	30-22	70	55	50	"	"	6			
6	"	"	4	30-24	73	54	48	"	"	8			
7	"	"	4	30-28	73	54	49	"	"	8			
8	"	"	5	30-28	71	54	48	"	"	9			
9	S.S.W.	"	4-5	30-27	71	54	49	l.c.g	"	9			
10	South.	"	4-5	30-27	70	53	48	"	"	9			
11	"	"	3-4	30-28	68	54	50	"	"	9			
Mid.	S.S.W.	"	3-5	30-28	65	53	49	"	"	9			

under the command of W. W. Mead, Commander, U. S. Navy,
Saturday, May 21st, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Gunfire 4 A.M.
Clear and pleasant first two hours, Cloudy last two
Light airs to light breeze from S.S.W.

R. McKeone
Ensign U.S.N.

4 to 8 A.M.
Overcast, barometer rising, - gentle to moderate breeze
from S. and S.S.E.

J. T. Newton
Lieut. U.S.N.

8 A.M. to Meridian.
Cloudy. Moderate breeze from the South to S.S.W. Cleared up ship.
At 9. made numeral 0, at 10, numeral 1, and at 12, numeral 131.

W. O. Hulme
Ensign U.S.N.

Meridian to 4 P.M.
Cloudy. Clearing last part. Moderate breezes from S.S.W. - Sent
Liberty party ashore.

R. McKeone
Ensign U.S.N.

4 to 8 P.M.
Clear. Moderate to stiff S.W. breeze. At 4.40 made Int. 6.40 and sent
down topgallant masts. H.M.S. Sirius anchored in outer roads. At 6 Bennington made by Ardoise
signals "Follow the motions of this ship".

W. O. Hulme
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle to stiff breeze from S.W.

R. McKeone
Ensign U.S.N.

Examined and found to be correct.

M. K. Hurt
Lieut.
Navigator.

LOG of the UNITED STATES — Steamer Essex — 3d Rate,

Montevideo, Uruguay

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				SSW.	SW.	3-5			30-27	63	52	48		b cgs.	cir. cumu	8	
2				"	"	3-5			30-24	61	51	46		"	"	9	
3				"	"	4-6			30-27	60	50	46		"	"	9	
4				"	"	4-7			30-26	59	50	46		"	"	8	
5				SW by S.	"	4-7			30-26	58	50	47		"	"	8	
6				"	"	4-7			30-26	58	49	46		"	"	8	
7				"	"	5-6			30-29	58	48	46		"	"	9	
8				SW.	"	5-6			30-29	62	48	45		"	"	9	
9				"	"	3-6			30-32	68	48	45		"	"	8	
10				"	"	3-6			30-32	64	48	45		"	"	8	
11				"	"	3-6			30-33	62	48	46		"	"	8	
Noon.				"	"	3-6			30-33	65	48	46		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon: Latitude by D. R. ° ' "

Longitude by D. R. ° ' "

Latitude by observations of ⊙ ° ' "

Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m. Latitude by ° ' "

Longitude by ° ' "

Position at 8 P. M. Latitude by ° ' "

Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 358 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2492 "

Coal consumed during the preceding 24 hours, tons 100 lbs.

Coal remaining on hand at Noon, 130 " 910 "

P. M.												
1	SW.	SW.	4-5	30-32	68	51	47	b c g.	cir. cumu.	7	
2	"	"	3-5	30-32	69	51	47	"	"	8	
3	"	"	3-4	30-32	71	52	48	"	"	8	
4	SW by W.	SW by W.	3	30-34	72	52	48	"	"	8	
5	"	"	3	30-36	72	52	48	bc	"	8	
6	"	W.S.W.	3	30-38	74	52	48	"	"	7	
7	"	"	3	30-38	70	52	48	"	"	9	
8	SW.	SW	3	30-38	73	52	48	"	"	8	
9	"	"	3	30-38	75	52	48	"	"	9	
10	W.SW.	W.S.W.	3	30-38	75	52	48	b	none	10	
11	"	"	3	30 38	68	53	49	"	"	10	
Mid.	"	"	3	30-36	65	53	49	"	"	10	

under the command of W. W. Mead. Commander, U. S. Navy,

Sunday, May 22nd., 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.
Clear and cool. Stiff to very fresh wind blowing in squalls from S.W.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 A.M.
Clear. Moderate to very fresh breeze in squalls from S.W. — At 4.30 let go port anchor and veered to 75 fathoms on starboard chain. 3 & 1/2 shots on port. A.M.S. Sirius came in to inner roads.

W.O. Mulvihill
Ensign U.S.N.

8 A.M. to Meridian.
Clear and pleasant. Gentle to fresh breezes from S.W. At 9.30 mustered at quarters and Commanding Officer inspected ship and crew. Made signals as follows, at 9.40 Numeral 0, at 10.50 Numeral 1, at 12. Numeral 130. Received in Pay Department 117½ lbs. fresh meat and vegetables and 94 lbs soft bread.

C. M. Stone
Ensign U.S.N.

Meridian to 4 P.M.
Clear and pleasant. Moderate to gentle breeze with occasional stiff to moderate puffs from S.W. abating to gentle breeze from S.W. by W. Hove up port anchor and hove in to 45 fathoms on starboard chain. Sent a liberty party ashore.

H. Geo. F. W. Holman
Lieut. U.S.N.

4 to 8 P.M.
Clear and pleasant. Gentle breezes from W.S.W. to S.W. H.M.S. Daedalus left harbor.

C. M. Stone
Ensign U.S.N.

8 P.M. to Midnight.
Clear and pleasant. Gentle breeze from S.W. to W.S.W.

Geo. F. W. Holman
Lieut. U.S.N.

Examined and found to be correct.

H. K. Lemly
Lieut. Navigator.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				W. S.W.	W.S.W.	3			30-36	62	52	49		b.c.	cir. cumn.	9	
2				"	"	3			30-35	62	53	50		"	"	9	
3				"	"	4			30-34	60	52	50		"	"	9	
4				S.W. by W.	"	4			30-32	60	52	50		"	"	9	
5				S.W.	"	3-4			30-30	59	53	50		b.c	cir. str.	9	
6				"	"	3-4			30-30	58	53	50		"	"	9	
7				S.W. by W.	"	3-4			30-30	58	52	49		"	"	9	
8				"	"	3-4			30-31	57	52	50		b.c.m.	"	9	
9				"	"	3-4			30-34	67	52	49		"	"	9	
10				W.S.W.	"	3			30-37	70	53	50		"	"	9	
11				"	"	3			30-37	69	53	50		"	"	8	
Noon.				"	"	3			30-37	70	54	50		"	"	9	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 378 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 2114 "

Coal consumed during the preceding 24 hours, tons 1445 lbs.

Coal remaining on hand at Noon, 129 " 1705 "

P. M.											
1		W.S.W.	S.W. by W.	3	30-35	75	54	50	b.	none.	10
2		"	"	3	30-33	72	55	51	"	"	10
3		"	"	3	30-33	72	56	52	"	"	10
4		"	"	3	30-33	70	57	54	"	"	10
5		S.W.	"	3	30-33	72	58	55	b.c	cir. cum.	8
6		S.W. by S.	"	3	30-32	71	54	50	"	"	8
7		S.W. by W.	W.S.W.	3	30-32	71	54	50	"	"	9
8		"	"	3	30-32	69	56	53	"	"	9
9		"	"	3	30-33	72	56	53	"	"	9
10		"	"	3	30-34	72	56	52	"	"	9
11		W.S.W.	"	3	30-35	72	55	51	"	"	9
Mid.		"	"	3	30-35	72	55	51	"	"	9

under the command of W. W. Mead, Commander, U. S. Navy,

Monday, May 23rd, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences Muntil 4 A.M.
Clear and pleasant. Gentle to moderate haze from W.S.W. Moon rose at 3.45. Steam on one boiler for heating ship.

Lieut. U.S.N.

4 to 8 A.M.
Clear and pleasant. Gentle to moderate breezes from W.S.W. Executed morning orders. At 7.30 made signal Intercog, 6144. Bennington answered, Affirmative, — crossed t'gallant yards. Bennington made uniform signals as per record.

Ensign U.S.N.

8 A.M. to Meridian.
Pleasant. Slightly hazy. Moderate to gentle breeze from W.S.W. At 9.30 mustered at quarters and had divisional drill. 4 Boarding Officers from the Cleopatra brought notice of proposed dressing ship to-morrow by the English ships in honor of the Queen's birthday. At 9.00 signalled Numeral 0; at 11.00 Numeral 1; and at 12.00 Numeral 130.

M. Geo. L. Holman
Lieut. U.S.N.

Meridian to 4 P.M.
Clear and cool. Gentle breeze from S.W. by W. U.S.S. Magpie, left the harbor & stood up the river. Exercised 2d. Company and Reserves at setting up drill.

Lieut. U.S.N.

4 o'clock to 8 P.M.
Clear and pleasant. Gentle breeze from S.W. by W. to W.S.W.

M. Geo. L. Holman
Lieut. U.S.N.

8 P.M. to Midnight.
Clear and cool. Bright starlight. Gentle breeze from W.S.W.

Lieut. U.S.N.

Examined and found to be correct.

L. K. Curtis
Lieut., Navigator.

LOG of the UNITED STATES Steamer Essex, 3d Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				I. S. W.	W. S. W.	4			30-35	70	54	51		b.	now	10	
2				"	"	4			30-35	70	54	50		"	"	10	
3				"	"	4			30-35	70	54	50		"	"	10	
4				"	"	4			30-35	70	54	50		"	"	10	
5				S. W. by W.	"	4			30-34	70	54	50		"	"	10	
6				"	"	3-4			30-34	72	55	52		"	"	10	
7				"	"	3-4			30-34	66	54	50		b.c.	cir.	9	
8				"	"	3-4			30-33	67	54	50		b.c.m.	cir.cumm	8	
9				"	"	3			30.36	68	54	51		b.c.	cir.str.	8	
10				W. S. W.	W. by S.	3			30-38	71	53	51		"	cir.cumm.st.	8	
11				W. by S.	"	3			30-39	70	55	51		"	"	8	
Noon.				"	"	3			30-39	70	55	51		"	"	8	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 360 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1754 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 129 " 165 "

P. M.														
1		West.	West.	3	30-39	76	55	53		b.c.	cir.cumst.	9		
2		"	"	3	30-37	69	55	53		"	"	0		
3		"	"	3	30-36	67	55	53		"	"	8		
4		"	"	3	30-36	66	55	53		"	"	7		
5		S.W.	"	3	30-37	66	55	53		"	"	7		
6		W. S.W.	"	2	30-37	69	55	53		"	"	10		
7		South	N.W.	2	30-37	67	55	53		"	"	9		
8		S by E.	North.	1	30-37	67	54	51		b.w.	none	10		
9		S.E. by S.	"	3	30-38	69	53	51		b.w.	cir.cumm	9		
10		S by W.	"	3	30-39	69	53	51		"	"	9		
11		N.W.	N.W.	3	30-39	70	51	48		b.w.	none	10		
Mid.		"	"	3	30-39	70	48	46		"	"	10		

under the command of W. W. Mead. Commander, U. S. Navy,

Tuesday, May 24th, 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences until 4 A.M.

Clear and pleasant. Moderate breeze from W.S.W.

W. Ry Mann Jr. Ensign U.S.N.

4 o'clock to 8 A.M.

Slightly hazy. Gentle to moderate breeze from W.S.W. At 8 dressed ships, rainbow, English flag at the main in honor of the Queen's birthday.

Jno. Lockwood Lieut. U.S.N.

8 A.M. to Meridian.

Clear and pleasant. Gentle breeze from W.S.W. and W. by S. At 9.30 mustered at quarters and held great gun exercises. Made routine signals, absentees 0, sick 2, coal 129. At Meridian, Nina, Cleopatra, and Sirius and U.S.S. Bennington fired national salutes.

W. [illegible] Lieut. U.S.N.

Meridian to 4 P.M.

Clear and gentle breeze from West. A Medical Board of Survey of which Surgeon Stokes U.S.N. was Senior Member, convened on board for the Survey of J. G. Kerwin, (Bayman).

W. Ry Mann Jr. Ensign U.S.N.

4 to 8 P.M.

Clear and pleasant, starlight latter part. Gentle to light breeze from West to N.W. U.S.S. Bennington made signal — "Hoist both Uruguay and Argentine Ensigns at the main tomorrow Uruguay starboard and Argentine port."

W. [illegible] Lieut. U.S.N.

8 P.M. to Midnight.

Clear and fine, gentle breeze from N. and N.W.

W. Ry Mann Jr. Ensign U.S.N.

Examined and found to be correct.

G. K. Lemist Navigator.
Lieut.

LOG of the UNITED STATES Steamer Essex, 3rd Rate,

Montevideo, Uruguay.

Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	WIND. Force.	Heel.	Leeway.	BAROMETER. Height in inches.	BAROMETER. Ther. att'd.	TEMPERATURE. Air, Dry Bulb.	TEMPERATURE. Air, Wet Bulb.	TEMPERATURE. Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M.																	
1				N.W.	N.W.	2			30-39	70	49	46		bw	none	10	
2				"	"	2			30-39	70	48	46		"	"	10	
3				"	"	2			30-39	70	46	47		bcw.	cir. cumu	8	
4				"	"	2			30-39	70	45	43		"	"	9	
5				N.W. by N.	"	2			30-39	62	45	43		"	"	9	
6				"	"	3			30-39	58	44	42		"	"	8	
7				E.N.E.	"	3			30-39	52	47	44		"	cir str	7	
8				E. by N.	"	3			30-39	56	46	43		bcw	"	8	
9				E.N.E.	"	3			30-39	61	48	45		"	"	7	
10				East.	"	3			30-40	65	53	50		"	"	6	
11				S.W.	"	3			30-40	64	56	52		"	"	6	
Noon.				"	"	3			30-40	67	58	53		"	"	7	

Course and distance made good since preceding noon by observations, knots tenths.

Position at Noon:
- Latitude by D. R. ° ' "
- Longitude by D. R. ° ' "
- Latitude by observations of ⊙ ° ' "
- Longitude by chronometer from Forenoon Observations of ⊙ ° ' "

Position at 8 a. m.
- Latitude by ° ' "
- Longitude by ° ' "

Position at 8 P. M.
- Latitude by ° ' "
- Longitude by ° ' "

Current during the time, knots tenths per hour, setting to the

Variation of the Compass by Amplitude ⊙ observed at Sunrise, ship's head ° ' "

Variation of the Compass by Amplitude ⊙ observed at Sunset, " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Variation of the Compass by Azimuth ⊙ observed at " ° ' "

Water expended during the preceding 24 hours, 343 gallons.

Water during the preceding 24 hours, "

Water remaining on hand fit for use at Noon, 1411 "

Coal consumed during the preceding 24 hours, tons 1540 lbs.

Coal remaining on hand at Noon, 128 " 865 "

P. M.																		
1				W.S.W.	West	3			30	40	72	58	55	bc.	cir cumulo.	6		
2				W. by S.	"	3			30	39	68	58	54	"	"	3		
3				"	"	3			30	37	67	58	55	"	"	3		
4				"	"	2			30	37	68	59	55	"	"	3		
5				"	"	1			30	37	68	58	54	"	"	5		
6				W.N.W.	Calm	0			30	37	70	59	56	"	"	7		
7				E.N.E.	North.	1			30	37	70	59	56	bcw	"	8		
8				East.	"	1			30	37	66	59	53	"	"	6		
9				"	"	2			30	36	70	55	51	"	"	6		
10				N.N.W.	"	3			30	36	72	54	50	"	"	8		
11				N. by W.	"	3			30	35	72	52	48	"	"	8		
Mid.				"	"	3			30	35	72	51	48	bw	none	10		

under the command of W. W. Mead. Commander, U. S. Navy,

Wednesday, May 25 th. , 1892.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 A.M.

Clear and pleasant - barometer steady - Light breeze from N.W.

N. J. T. Newton
Lieut. U.S.N.

4 to 8 A.M.

Clear and pleasant. Damp first part, misty latter part. Light to gentle breeze from N.W. At daylight Uruguayan vessels dressed ships, and at sunrise Argentine "Patagonia" dressed ship and fired a national salute. At 7.50 H.M.S. Sirius and Cleopatra dressed and at 8 U.S.S. Bennington and this ship dressed rainbow, Uruguay and Argentine Ensigns at the Main - Uruguayan starboard. Received 117½ lbs fresh beef. 117½ vegetables and 94 lbs. soft head in Pay Department.

F. Irwin
Lieut U.S.N.

8 A.M. to Meridian.

Fair and pleasant, gentle breeze from N.W. Mustered and inspected at quarters and Exercised the battalion. The Commanding Officer paid an official visit to H.M.S. Sirius. At Noon the saluting vessel in the harbor fired a salute of 21 guns. Made usual routine signals.

W. Rx Mason Field.
Ensign U.S.N.

Meridian to 4 P.M.

Cloudy and pleasant, - barometer steady, - gentle breeze from W.

N. J. T. Newton
Lieut. U.S.N.

4 to 8 P.M.

Clear and pleasant. Calm and light airs from S.

W. Rx Mason Field.
Ensign U.S.N.

8 P.M. to Midnight.

Clear and pleasant. - barometer steady, - light to gentle breeze from S.

N. J. T. Newton
Lieut. U.S.N.

Examined and found to be correct.

Approved.
W. W. Mead
Commander U.S.N.
Commanding.

E. K. Lewis
Lieut, Navigator.